



# Linergy

Catalog 2022  
Distribution and Connection Systems

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Life Is On

**Schneider**  
Electric





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All Schneider Electric  
distribution and connection  
systems have been brought  
together into a single brand  
name:

# Linergy

# Think Lineryg!

A



Because Lineryg is...



## Flexible

- > **Lineryg** is a complete range of more than 900 references, suitable for all type of applications (electrical distribution, process and control, datacenters, etc.).
- > **Lineryg** can be easily adapted to technical demand, customer habits and preferences.
- > Thanks to their ComPacTness, **Lineryg** products can be easily installed into a minimum of space.
- > **Lineryg** is easy to implement in the shortest possible time.
- > With **Lineryg** you can make changes to your panel on the installation site, right up to the last minute.



## Safer

- > **Lineryg** IPxxB everywhere.
- > **Lineryg** "Hot plug" solution, enabling connections without turning off the switchboard (energised connection).
- > **Lineryg** simplifies wiring, thus directly contributing to enhancing panel reliability.



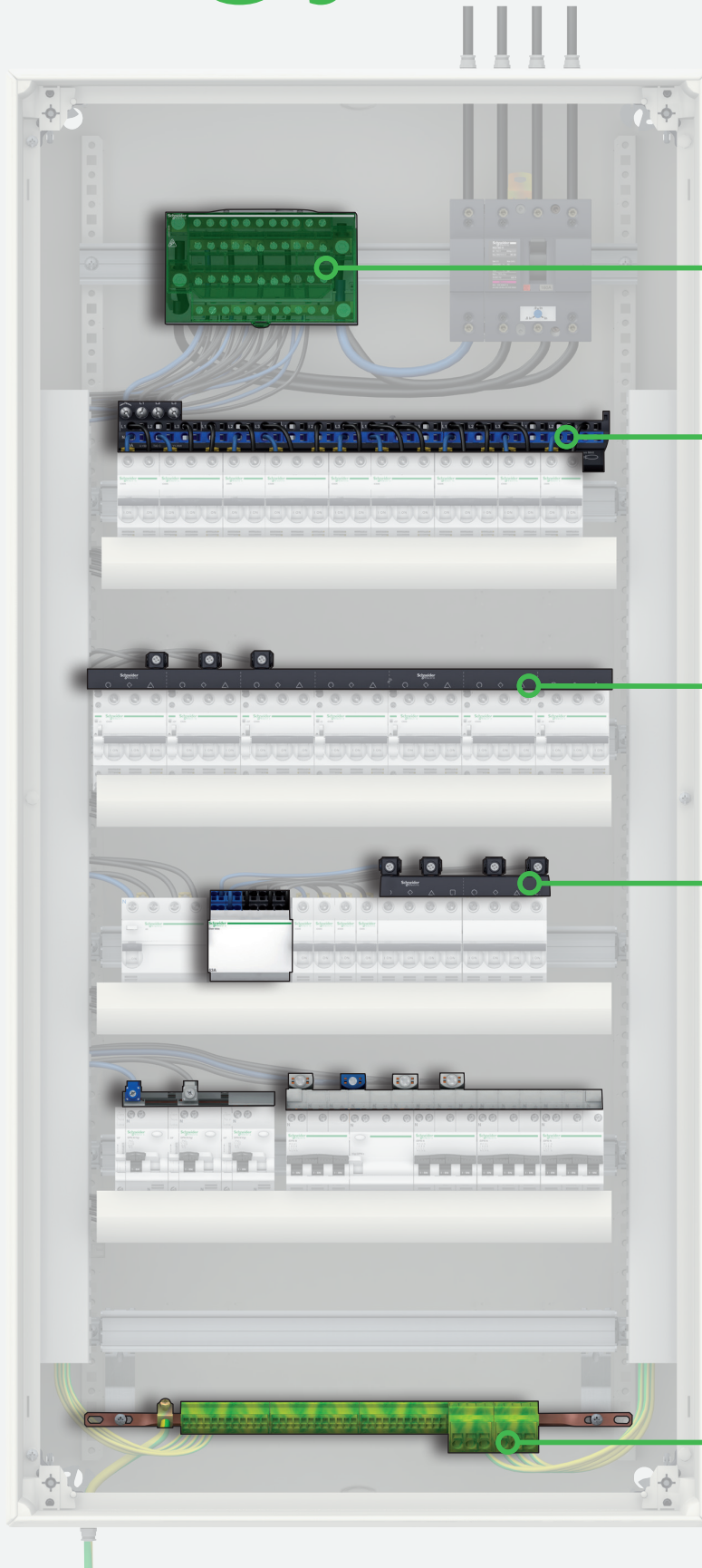
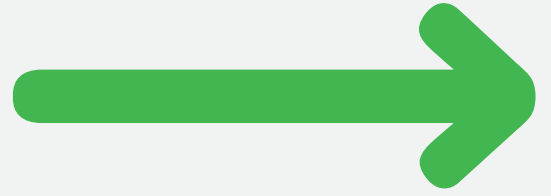
## Reliable

- > **Lineryg** is fully compliant with IEC standards, and some systems are also multi-standard.
- > All **Lineryg** distribution and connection systems have been designed and tested to work together (synergies with Schneider Electric devices).
- > **Lineryg**, brings you the benefit of an energy-efficient switchboard.

And much more...



# Linery



Inside PrismaSeT Enclosures and Switchboards, you benefit from IEC 61439 tested solutions.

With Linergy, you will be able to connect your rows regardless of the enclosure you have chosen.

## Linergy DS

Distribution Blocks



- > ComPacT solution
- > Cabling capacity of up to 60 connection points
- > Screw connection models

## Linergy FM

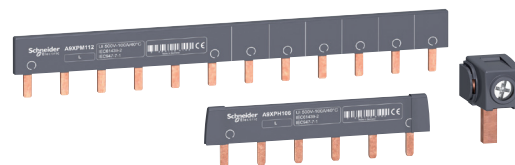
Device Feeders



- > Quick distribution of up to 54 outgoing
- > Maximum flexibility to balance your phases
- > No creepage campaign thanks to clamp technology

## Linergy FH

Device Feeders



- > Complete family of products to cover all needs
- > Easy to install
- > ComPacTness up to 100 A

## Linergy TB

Earth Bars and PE Connectors

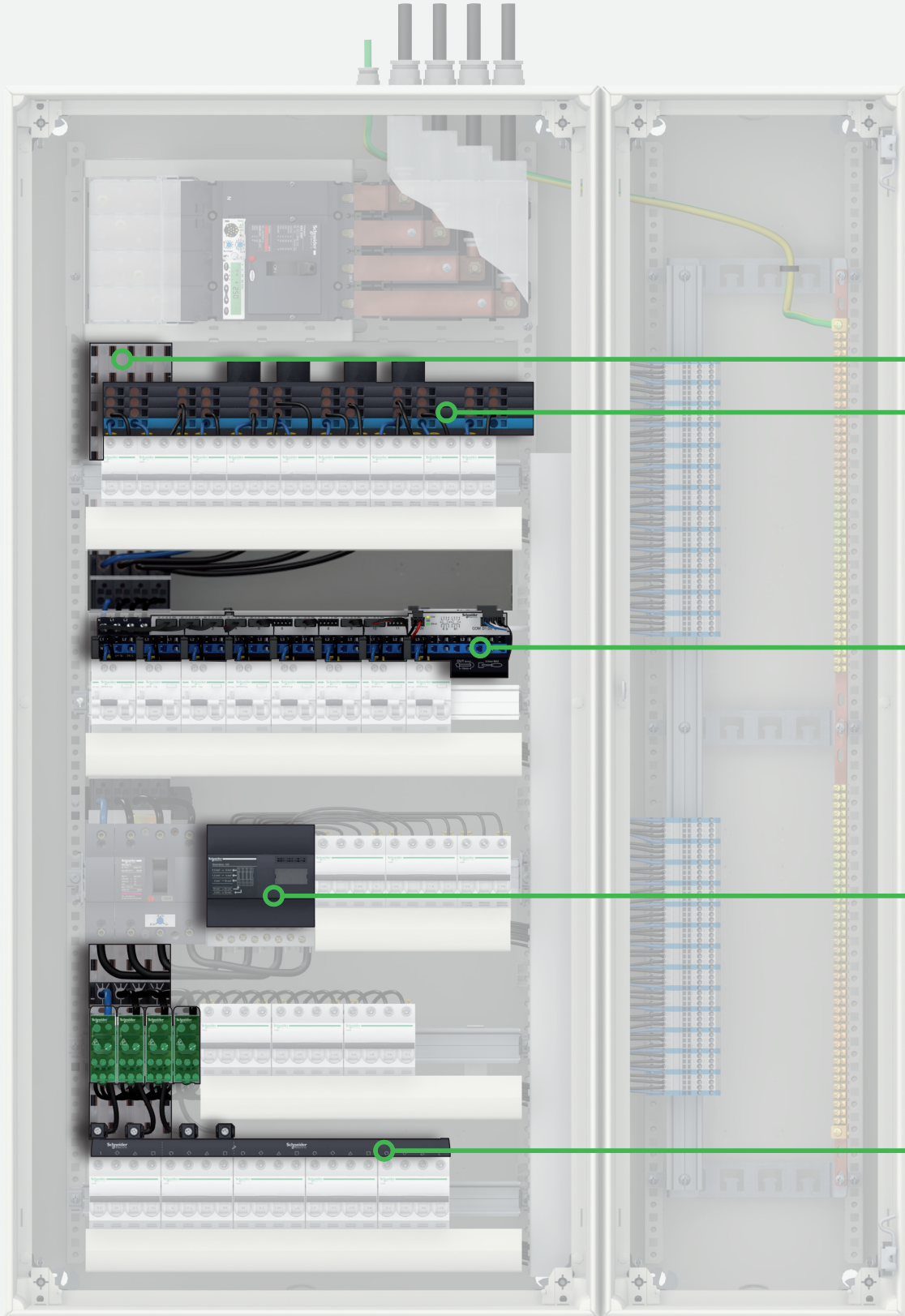
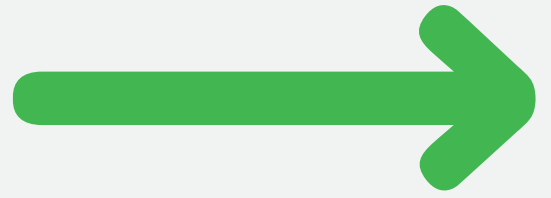


- > Minimum space required
- > Quick connection models

A



# Linery



Inside PrismaSeT Enclosures and Switchboards, you benefit from IEC 61439 tested solutions.

# Linergy offers you smart power network solutions for your switchboard.

## Linergy BW

Power Busbars



- > Solutions available up to 630 A
- > Solutions can be adapted to all switchboard architectures

## Linergy FM

Device Feeders



- > Maximum flexibility to balance your phases
- > SmartLink support for communication

## Linergy DX

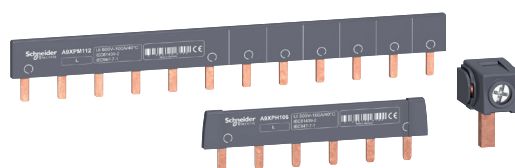
Distribution Blocks



- > Quick connection models
- > Easy to wire
- > ComPacT solution
- > Cabling capacity of up to 52 connection points

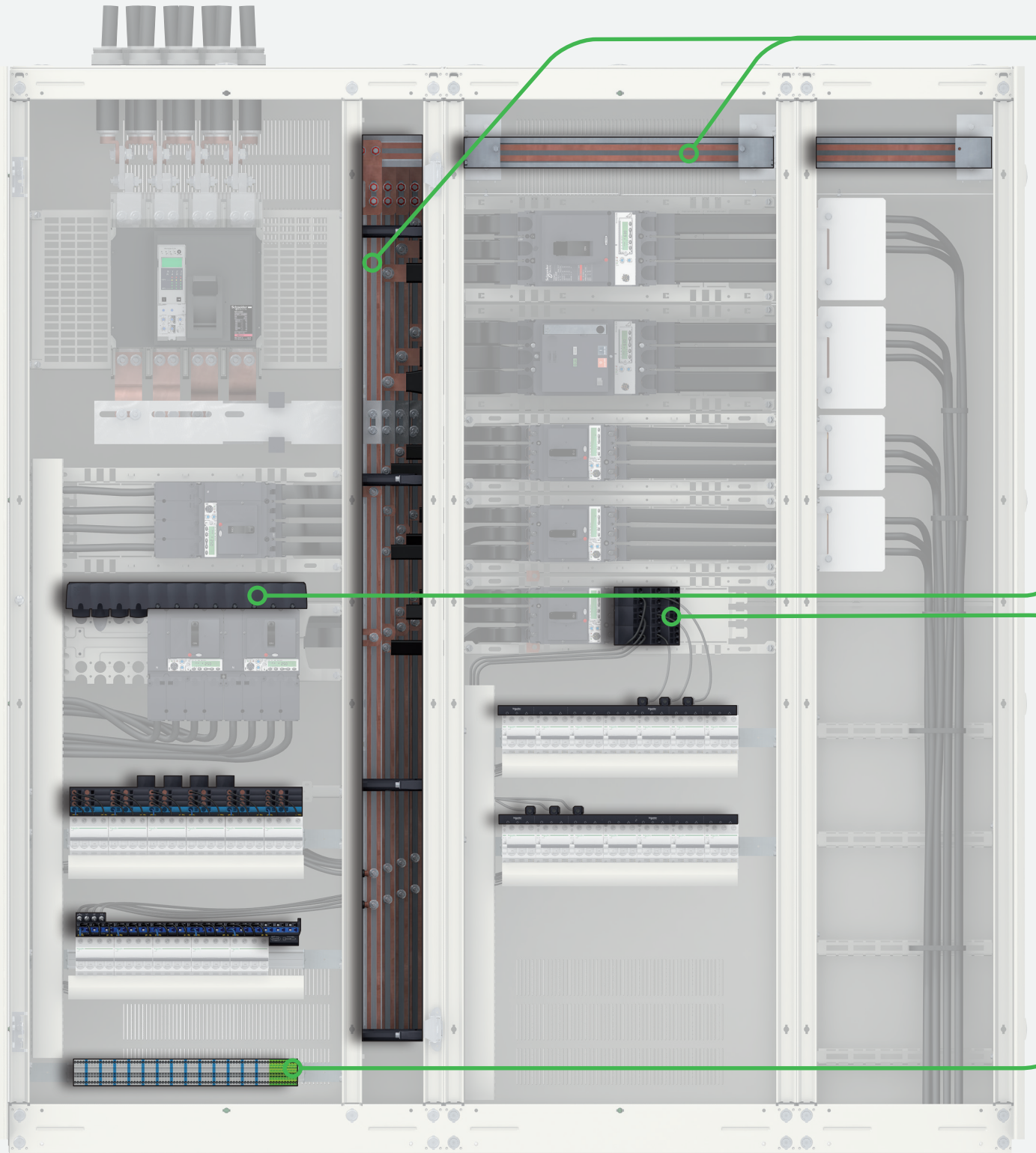
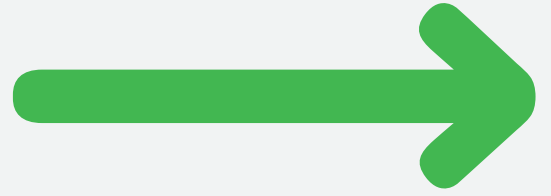
## Linergy FH

Device Feeders



- > All lengths available (up to 1 m)
- > Comb busbars compatible with auxiliaries

# Lineryg



Inside PrismaSeT Enclosures and Switchboards, you benefit from IEC 61439 tested solutions.

# Lineryy also offers the most advanced busbar solutions while remaining simple.

A

## Lineryy LGY/ LGYE

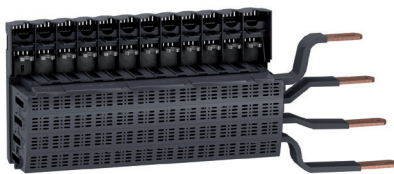
Power Busbars



- > Solutions available up to 4000 A
- > Connection everywhere without drilling (with LGY and LGYE profile)

## Lineryy FC

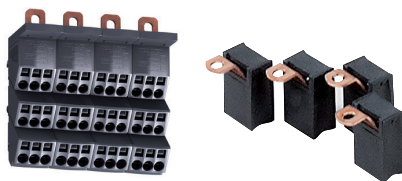
Device Feeders



- > ComPacT NSXm (4 x 4P / 5 x 3P) solution
- > ComPacT NSX (3 x 4P / 4 x 3P) solution
- > Reliable connection
- > Quick connection system dedicated to ComPacT NSXm up to 160 A/ ComPacT NSX up to 250 A

## Lineryy DP

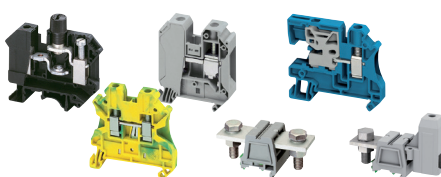
Distribution Blocks



- > Simplicity of use
- > Quick connection system dedicated to ComPacT NSXm up to 160 A/ ComPacT NSX up to 250 A

## Lineryy TR

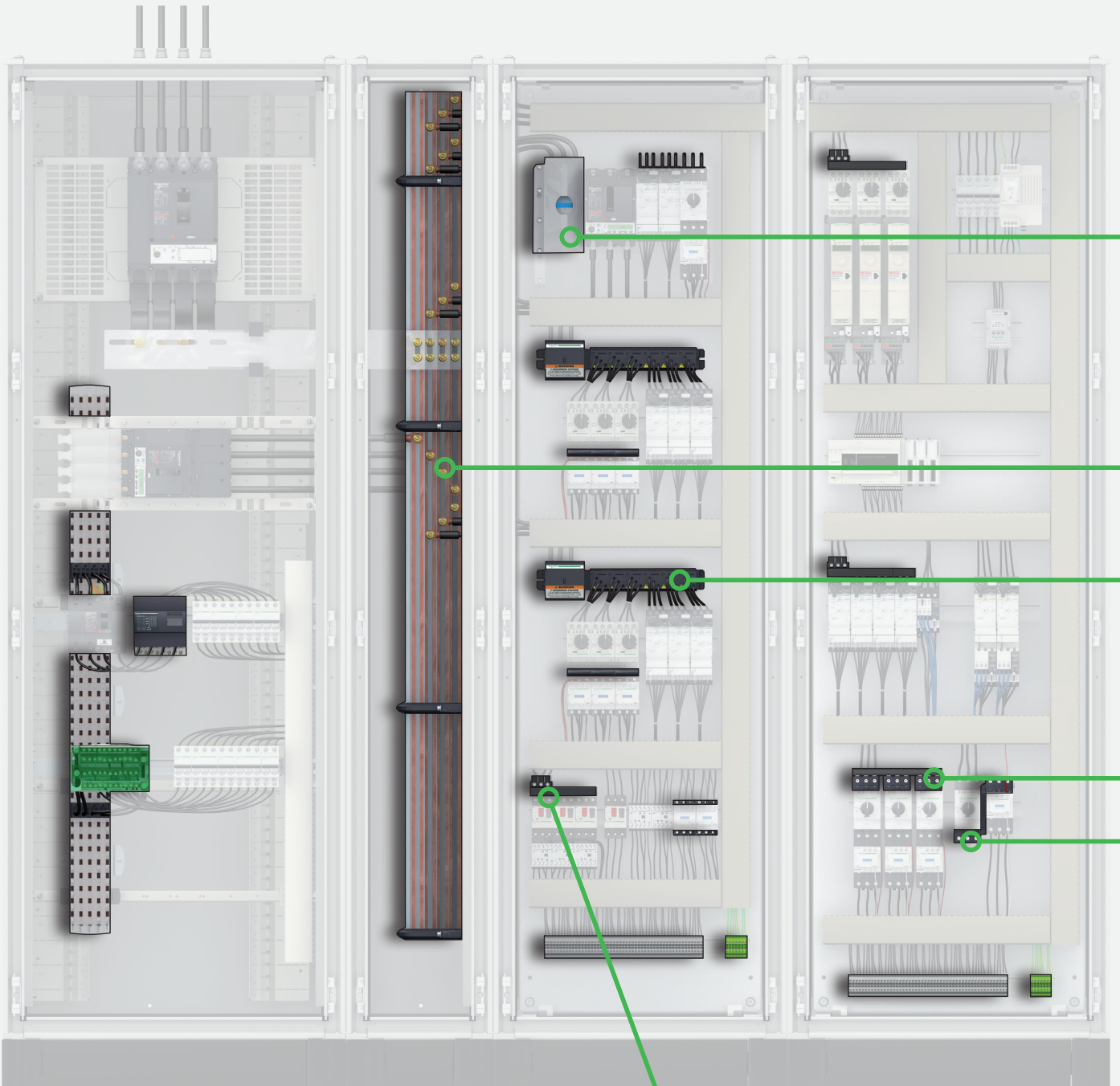
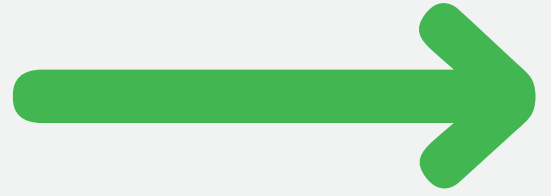
Terminal Blocks



- > Simplicity of use
- > Consistency and cross-functionality guaranteed
- > Few references for a maximum of applications



# Lineryg





# Thanks to Linergy, you can have the scalable and flexible panel that you deserve.

## Linergy BZ

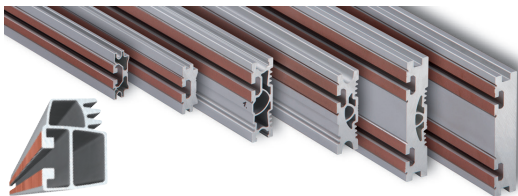
Power Busbars



- > Quick connection plates for ComPacT and TeSys offers
- > Multi-standard offering up to 630 A

## Linergy LGY / LGYE

Power Busbars



- > Solutions available up to 4000 A
- > Panel devices powered everywhere inside the panel

## Linergy HK

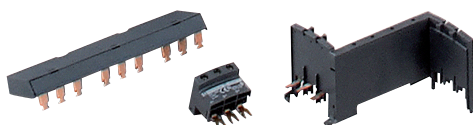
"Hot Plug" Distribution



- > Panel easily upgradeable
- > Reliable "hot plug" modification or upgrade
- > Multi-standard system of up to 160 A

## Linergy FT

Device Feeders



- > Optimised productivity and efficiency of your control panel
- > Easy to install
- > High reliability

A

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		NSYTRR24DBL	F-30, F-41	NSYTRV22ST	F-4, F-19	NSYTRV62NE	F-4, F-24
		NSYTRR24DPE	F-30, F-42	NSYTRV22TB	F-4, F-19	NSYTRV62PE	F-2, F-11, F-36
		NSYTRR24M	F-30, F-48	NSYTRV22WH	F-2, F-7	NSYTRV62TT	F-23
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		NSYTRR24MFFBL	F-30	NSYTRV23PE	F-4, F-17	NSYTRV62TTPE	F-4, F-23
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R9XFH312	C-10
R9XFH318	C-10
R9XFH357	C-10
R9XFH412	C-10
R9XFH418	C-10
R9XFH457	C-10
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Green Premium is the only label that allows you to effectively develop and promote an environmental policy whilst preserving your business efficiency. This eco label guarantees compliance with up-to-date environmental regulations, but it does more than this.

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Available at the click of a button, these instructions provide:

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- Guidance to mitigate personnel hazards during the dismantling of products and before recycling operations
- Parts identification for recycling or for selective treatment, to mitigate environmental hazards/incompatibility with standard recycling processes

# Distribution blocks



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## Linergy DS

### Screw distribution blocks



IEC/EN 60947-7-1, IEC/EN 61439-1 & 2





#### Description

- Single-pole or four-pole distribution block that can be installed on a standard DIN rail or on a mounting plate.
- Compatible with PrismaSeT G and PrismaSeT P, Pragma, Mini Pragma and Resbo series switchboards.
- Incomers and feeders are connected to screw terminals that accept rigid or flexible cables with ferrule.
- Optional: additional neutral terminal strip for four-pole distribution block.

#### Advantages

- Simplified power supply for main incomers.
- Easy phase balancing.
- Easy, effortless cabling due to excellent accessibility.
- Visible cabling.
- Insulation between phases.
- The single-pole distribution blocks are adjacent and bridgeable via the second incoming hole for parallel connection.

#### Screw distribution blocks

Number of poles	1P			4P
				
Rated operational current	125 A	160 A	250 A	100 A
Total connections capacity	10	13	14	4 x 7
<b>Terminal capacity</b>				
Diameter	2 x Ø 9.5 mm	2 x Ø 12 mm	1 x Ø 15.3 mm	2 x Ø 7.5 mm
	2 x Ø 7.5 mm	3 x Ø 7.5 mm	1 x Ø 10 mm	5 x Ø 5.5 mm
	6 x Ø 5.8 mm	8 x Ø 5.8 mm	4 x Ø 6 mm	-
	-	-	8 x Ø 7.5 mm	-
Rated peak withstand current (Ipk)	25 kA	36 kA	60 kA	24 kA
Rated short-time withstand current (Icw) (IEC/EN 60947-7-1)	4.2 kArms/1 s	8.4 kArms/1 s	14.4 kArms/1 s	3 kArms/1 s
Width (number of 9 mm pitches)	3	4	5	8
Dimension (H x W x D)	85 x 27 x 50.5	85 x 36 x 50.5	85 x 45 x 50.5	100 x 71 x 50.5
Weight (g)	125	163	239	210
Neutral terminal strip (optional)	-	-	-	LGYN1007
<b>Reference</b>	<b>LGY112510</b>	<b>LGY116013</b>	<b>LGY125014</b>	<b>LGY410028</b>

# Linery DS

## Screw distribution blocks



On LGY412560 and LGY416048 references  
Input cabling facilitated by side terminals

### Technical data

#### Common characteristics

Rated insulation voltage (Ui)	500 V AC
Rated operational voltage (Ue)	230 V AC (Ph/N) 440 V AC (Ph/Ph)
Rated impulse withstand voltage (Uimp)	8 kV
Rated conditional short-circuit current of an assembly	Up to the breaking capacity of Schneider Electric feeder circuit breakers, even in cascading configuration
Network frequency	50/60 Hz
Pollution degree	3
Overvoltage category	III

#### Additional technical characteristics

Reference temperature	40°C
Operating temperature	-25°C to 55°C
Dielectric withstand (IEC/EN 60947-1)	2500 V AC

B

			Neutral terminal strip		
125 A	160 A	160 A	100 A	125 A	150 A
4 x 12	4 x 15	4 x 12	7	12	15
1 x Ø 9 mm	1 x Ø 9.5 mm	1 x Ø 12 mm	2 x Ø 7.5 mm	1 x Ø 9 mm	1 x Ø 9.5 mm
7 x Ø 7.5 mm	3 x Ø 8.5 mm	3 x Ø 9 mm	5 x Ø 5.5 mm	7 x Ø 7.5 mm	3 x Ø 8.5 mm
4 x Ø 6.5 mm	11 x Ø 6.5 mm	8 x Ø 7.5 mm	-	4 x Ø 6.5 mm	11 x Ø 6.5 mm
-	-	-	-	-	-
26 kA	28 kA	36 kA	-	-	-
4.2 kArms/1 s	4.2 kArms/1 s	8.4 kArms/1 s	-	-	-
14	20	18	7	14	17
100 x 126 x 50.5	100 x 162 x 50.5	100 x 174 x 50.5	20 x 70 x 35	20 x 125 x 35	20 x 155 x 35
390	559	567	63	111	149
LGYN12512	LGYN12515	LGYN12512	-	-	-
<b>LGY412548</b>	<b>LGY412560</b>	<b>LGY416048</b>	<b>LGYN1007</b>	<b>LGYN12512</b>	<b>LGYN12515</b>

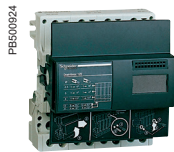
### Terminal technical data

Type		P22 screw							
Diameter		Ø 5.5 mm	Ø 5.8 mm	Ø 6 mm	Ø 6.5 mm	Ø 7.5 mm	Ø 8.5 mm	Ø 9 mm	Ø 9.5 mm
Section	Rigid cable	1.5 to 16 mm <sup>2</sup>	1.5 to 16 mm <sup>2</sup>	1.5 to 16 mm <sup>2</sup>	1.5 to 16 mm <sup>2</sup>	2.5 to 25 mm <sup>2</sup>	6 to 35 mm <sup>2</sup>	10 to 35 mm <sup>2</sup>	10 to 35 mm <sup>2</sup>
	Flexible cable or with ferrule	1.5 to 10 mm <sup>2</sup>	1.5 to 10 mm <sup>2</sup>	1.5 to 10 mm <sup>2</sup>	1.5 to 10 mm <sup>2</sup>	1.5 to 16 mm <sup>2</sup>	4 to 25 mm <sup>2</sup>	4 to 25 mm <sup>2</sup>	6 to 35 mm <sup>2</sup>
Tightening torque		2 N.m	2 N.m	2 N.m	2 N.m	2 N.m	2 N.m	2.5 N.m	2.5 N.m
Type		Hc screw							
Diameter		Ø 9.5 mm	Ø 10 mm	Ø 12 mm	Ø 15.3 mm	-	-	-	-
Section	Rigid cable	10 to 35 mm <sup>2</sup>	1.5 to 50 mm <sup>2</sup>	25 to 70 mm <sup>2</sup>	35 to 120 mm <sup>2</sup>	-	-	-	-
	Flexible cable or with ferrule	6 to 35 mm <sup>2</sup>	1.5 to 35 mm <sup>2</sup>	16 to 50 mm <sup>2</sup>	25 to 95 mm <sup>2</sup>	-	-	-	-
Tightening torque		8 N.m	4 N.m	1 P: 9 N.m	4P: 5 N.m	14 N.m	-	-	-

## Linergy DX

### Quick distribution blocks



IEC 60947-7-1, IEC 61439-2



#### Description

- Downstream circuits are connected from the front, to spring terminals.
- Contact pressure automatically adapts to the size of the conductor.
- Contacts are insensitive to vibrations and thermal variations.
- Only one cable (flexible or rigid) can be inserted per terminal.

#### Quick distribution blocks

Number of poles		4P, incomers from top	4P, incomers from bottom
			
Rated operational current at 40°	(Ie)	63 A	63 A
Rated conditional short-circuit current of an assembly	(Isc)	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested.	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested.
Rated insulation voltage	(Ui)	500 V AC	500 V AC
Rated operational voltage	(Ue)	440 V AC	440 V AC
Rated impulse withstand voltage	(Uimp)	6 kV	6 kV
Rated short-time current Icw	(Icw)		
Rated operational frequency		50/60 Hz	50/60 Hz
Degree of protection		IPxxB	IPxxB
Incoming terminals		1 tunnel terminal 25 <sup>2</sup> /ph	1 tunnel terminal 25 <sup>2</sup> /ph
Total connection capacity, outgoing terminals		24 connections: 4 x 6 <sup>2</sup> /phase 12 x 6 <sup>2</sup> /neutral	24 connections: 4 x 6 <sup>2</sup> /phase 12 x 6 <sup>2</sup> /neutral
Dimensions (H x W x D)		96.5 x 72 x 62 8 x 9 mm pitch	96.5 x 72 x 62 8 x 9 mm pitch
Installation		Clipped onto a DIN rail	Clipped onto a DIN rail
Other			
Standard for installation inside PrismaSeT		IEC 61439-2	IEC 61439-2
Glow-wire 60695-2-11		960°C	960°C
Degree of pollution		3	3
<b>References</b>		<b>LVS04040</b>	<b>LVS04041</b>

#### Accessories

References	-	-
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## Linergy DX

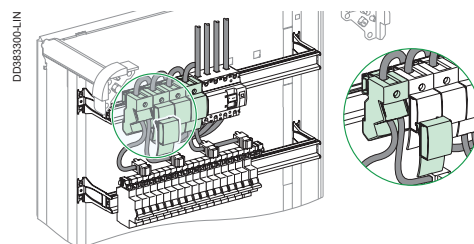
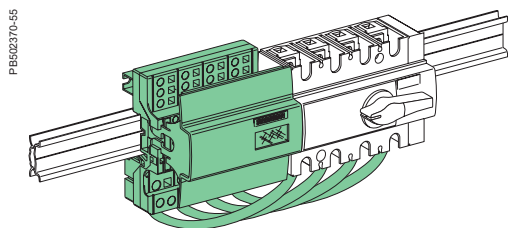
### Quick distribution blocks

#### Advantages

- A reliable electrical connection, no maintenance required (tightness guaranteed over time).
- Quick connection.
- Easy phase balancing.
- Ease of rewiring if the switchboard is expanded or modified.

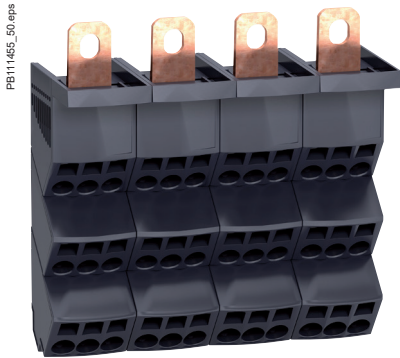
B

4P		1P	
			
125 A	160 A	160 A	
20 kA/60 ms max according to IEC 61439-1	20 kA/60 ms max according to IEC 61439-1	32 kA	
750 V	750 V	750 V	
690 VAC	690 VAC	690 VAC	
8 kV	8 kV	8 kV	
4.5 kA rms/1s	4.5 kA rms/1s		
50/60 Hz	50/60 Hz	50/60 Hz	
IPxxB	IPxxB	IPxxB	
1 tunnel terminal 35 <sup>2</sup> /ph	1 tunnel terminal 35 <sup>2</sup> /ph	1 tunnel terminal 70/ph	
52 connections: 7 x 4 <sup>2</sup> /phase 3 x 6 <sup>2</sup> /phase 2 x 10 <sup>2</sup> /phase 1 x 16 <sup>2</sup> /phase (screw terminal)	52 connections: 7 x 4 <sup>2</sup> /phase 3 x 6 <sup>2</sup> /phase 2 x 10 <sup>2</sup> /phase 1 x 16 <sup>2</sup> /phase (screw terminal)	6 connections: 6 x 16 <sup>2</sup> /phase	
127 x 108 x 48 8 x 9 mm pitch	127 x 108 x 48 8 x 9 mm pitch	95 x 36 x 70 4 x 9 mm pitch	
Screwed to plain or slotted backplate or onto DIN rail	Screwed to plain or slotted backplate or onto DIN rail	Onto DIN rail	
Possible to combine 2 terminal blocks (2nd terminal block supplied from enclosed terminals in the 1st, I <sub>max</sub> of 2nd terminal block: 80 A)	Possible to combine 2 terminal blocks (2nd terminal block supplied from enclosed terminals in the 1st, I <sub>max</sub> of 2nd terminal block: 80 A)		
IEC 61439-2	IEC 61439-2	IEC 61439-2	
960°C	960°C	960°C	
3	3	3	
<b>LVS04045</b>	<b>LVS04046</b>	<b>LVS04031</b>	
(4 x 125 A flexible connectors)		Copper spacer (batch of 4)	
<b>LVS04047</b>		<b>LVS04037</b>	



# Linery DP

Quick distribution blocks for ComPacT NSX and INS-INV up to 250 A






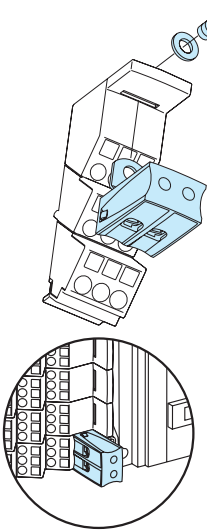
IEC 60947-7-1, IEC 61439-1 and 2

## Description

- The Linery DP Quick distribution block is designed for installation directly downstream of ComPacT NSX and INS-INV up to 250 A. It can also be clipped onto a modular rail.

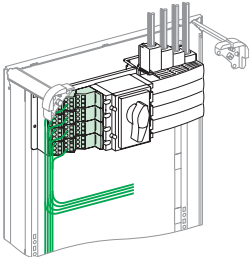
## Advantages

- It is quick to mount in the horizontal position. Electrical connections are made directly to the device terminals.
- It is the same width as the devices and does not take up any additional space in the switchboard.
- The connection terminals are slanted to facilitate cable entry and avoid exceeding the bending radius of the flexible and rigid cables.

Quick distribution blocks for ComPacT devices			Additional block	
Number of poles	3P	4P	3P/4P	
	 PB11464-15-eps	 PB11465-15-eps	 PB5025-19-11-eps	
Rated operational current (Ie)	250 A	250 A	250 A	
Rated peak withstand current (Ipk)	32 kA	32 kA		
Rated short-time current with upstream protection of 150 kA Icc (Icc)	150 kA	150 kA		
Thermal stress (I <sup>2</sup> .t)	7.225 x 10 <sup>7</sup>	7.225 x 10 <sup>7</sup>		
Total connection capacity, outgoing terminals	27 connections: 6 x 10 <sup>2</sup> /phase 3 x 16 <sup>2</sup> /phase	36 connections: 6 x 10 <sup>2</sup> /phase 3 x 16 <sup>2</sup> /phase	2 connections: 2 x 35 <sup>2</sup> per pole	
Incomer terminals	1 cable lug 120 mm <sup>2</sup> per pole			
Dimensions (H x W x D)	105 x 138 x 63	140 x 138 x 64		
Installation	On mounting plate or DIN rail		On mounting plate	
Product certifications	ASEFA			
Standard for installation inside PrismaSeT	IEC 61439-1-2			
Glow-wire 60695-2-11	960°C			
References	LVS04033	LVS04034	LVS04155 (3P) LVS04156 (4P)	

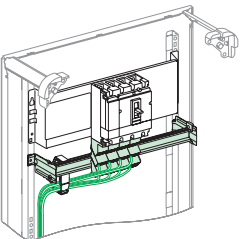
Technical Data	
<b>Common characteristics</b>	
Rated conditional short-circuit current of an assembly (Isc)	The reinforced breaking capacity due to cascading in circuit-breaker combinations is maintained. The worst-case situations have been tested.
Rated insulation voltage (Ui)	750 V AC
Rated operational voltage (Ue)	690 V AC
Rated impulse withstand voltage (Uimp)	8 kV
Network frequency	50/60 Hz
Degree of protection	IPxxB
Degree of pollution	3
Overvoltage category	III
<b>Additional technical characteristics</b>	
Reference temperature	40 °C
Operating temperature	-25 °C to 55 °C

### Installation



Dd381346-70-LI-eps

Directly on the mounting plates of horizontally mounted **ComPacT NSX100/250 and ComPacT INS-INV250** devices in the enclosures.

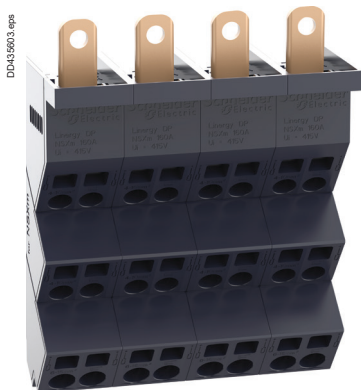


Dd380760-70-LI-eps

It can also be mounted downstream of vertically mounted **ComPacT NSX100/250 and ComPacT INS-INV250** devices in the enclosures. In this case, the Linery DP is mounted on a depth-adjustable modular rail.

## Lineryg DP

### Quick distribution blocks for ComPacT NSXm up to 160 A



IEC 60947-7-1, IEC 61439-1 and 2


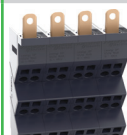
#### Description

- The Lineryg DP quick distribution block is designed for installation directly downstream of ComPacT NSXm up to 160 A. It can also be clipped onto a modular rail.

#### Avantages

- It is quick to mount in the horizontal position. Electrical connections are made directly to the device terminals.
- It is the same width as the devices and does not take up any additional space in the switchboard.
- The connection terminals are slanted to facilitate cable entry and avoid exceeding the bending radius of the flexible and rigid cables.

#### Quick distribution blocks for ComPacT devices

Number of poles	3P	4P
		
Rated operational current (Ie)	160 A	160 A
Rated peak withstand current (Ipk)	20 kA	20 kA
Rated short-time current (Icc)	70 kA	70 kA
Thermal stress (I <sup>2</sup> .t)	4.7 x 10 <sup>6</sup> A <sup>2</sup> S	4.7 x 10 <sup>6</sup> A <sup>2</sup> S
Total connection capacity, outgoing terminals	18 connections: 4 x 10 <sup>2</sup> /phase 2 x 16 <sup>2</sup> /phase	24 connections: 4 x 10 <sup>2</sup> /phase 2 x 16 <sup>2</sup> /phase
Incomer terminals	1 cable lug 70 mm <sup>2</sup> per pole	
Dimensions (H x W x D)	140 X 81 X 58 mm	140 X 108 X 58 mm
Installation	On mounting plate or DIN rail	
Product certifications	ASEFA	
Standard for installation inside PrismaSeT	IEC 61439-1-2	
Glow-wire 60695-2-11	960 °C	
Catalogue numbers	LVS04038	LVS04039

#### Technical Data

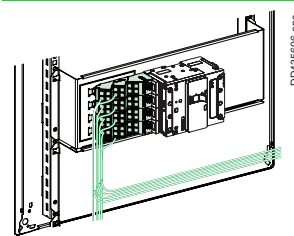
##### Common characteristics

Rated conditional short-circuit current of an assembly (Isc)	The reinforced breaking capacity due to cascading in circuit-breaker combinations is maintained. The worst-case situations have been tested.
Rated insulation voltage (Ui)	800 V AC
Rated operational voltage (Ue)	690 V AC
Rated impulse withstand voltage (Uimp)	8 kV
Network frequency	50/60 Hz
Degree of protection	IPxxB
Degree of pollution	3
Overvoltage category	III

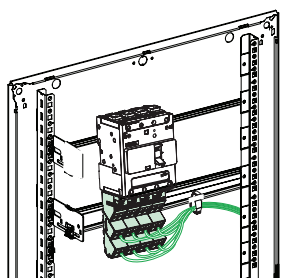
##### Additional technical characteristics

Reference temperature	40 °C
Operating temperature	-25 °C to 55 °C

#### Installation



Directly on the mounting plates of horizontally mounted **ComPacT NSXm** devices in the enclosures.



It can also be mounted downstream of vertically mounted **ComPacT NSXm** devices in the enclosures. In this case, the Lineryg DP is mounted on a depth-adjustable modular rail.



# Device Feeders

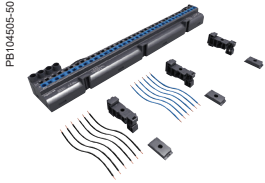
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	Horizontal comb busbar for 9 mm pitch for Acti 9	C - 7
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Linergy FC		C - 12
	Feeders for ComPacT NSX and INS-INV up to 250 A	C - 12
	Feeders for ComPacT NSXm up to 160 A	C - 14
Linergy FT		C - 16
	Tesys comb busbar	C - 16

# Linergy FM

## Quick device feeders

IEC 60947-7-1, IEC 61439-2



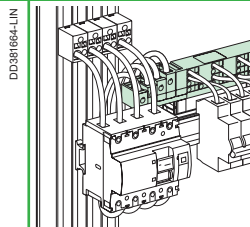
### Description

- Distribution over full rows of modular devices.
- The distribution block is generally supplied by busbars in enclosures and cubicles.
- Easy phase balancing.
- Mix of devices and functions in the same row.
- Installation  $\geq 160$  A: clipped onto the back of a modular rail or screwed onto a solid or pre-slotted plate.

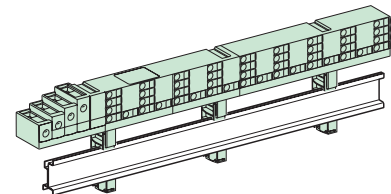
### Distribution blocks

Number of poles	4P	4P
Rated peak withstand current (Ipk)	63 A	80 A
Rated conditional short-circuit current of an assembly (Isc)	15 kA	13 kA
Insulation voltage (Ui)	500 V AC	500 V AC
Rated voltage (Ue)	440 V AC	440 V AC
Rated impulse withstand voltage (Uimp)	6 kV	8 kV
Maximum current (Imax)	-	-
Rated operational frequency	50/60 Hz	50/60 Hz
Degree of protection	IPxxB	IPxxB
Supply at incoming terminals	Enclosed terminals for cables up to 25 mm <sup>2</sup>	Enclosed terminals for cables up to 25 mm <sup>2</sup>
Total connection capacity at outgoing terminals	Spring terminals: 4 for each phase (2 x 1 to 4 mm <sup>2</sup> + 2 x 1 to 6 mm <sup>2</sup> ) 8 for the neutral (4 x 1 to 4 mm <sup>2</sup> + 4 x 1 to 6 mm <sup>2</sup> )	Spring terminals for rigid or flexible cables without ferrule: 9 for each phase (2 x 6 mm <sup>2</sup> + 7 x 4 mm <sup>2</sup> ) 17 for the neutral (4 x 6 mm <sup>2</sup> + 13 x 4 mm <sup>2</sup> )
Width	24 9-mm pitches 12 18-mm modules	48 9-mm pitches 24 18-mm modules
Composition	Stripped copper connections (L=100 mm) 10 x 4 mm <sup>2</sup> + 6 x 6 mm <sup>2</sup>	Stripped copper connections (L=105 mm) 6 mm <sup>2</sup> (6 black) 4 mm <sup>2</sup> (20 black)
References	LVS04008	LVS04004

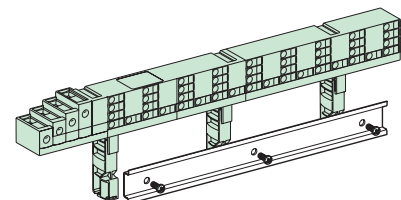
### Installation



Clipped onto the back of a modular rail, or screw fixing.



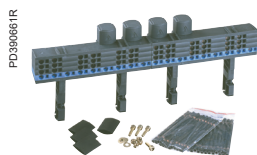
Clipped onto the back of a modular rail, or screw fixing.



Can be mounted in Pragma Evolution enclosures and in PrismaSeT Pack 160

## Linergy FM

### Quick device feeders



	4P	2P	3P	4P	4P
	<b>160 A</b>	<b>200 A</b>	<b>200 A</b>	<b>200 A</b>	<b>200 A</b>
	27 kA	25 kA	25 kA	30 kA	27 kA
The cascading reinforced breaking capacity when combining circuit breakers is maintained. The worst-case scenarios have been tested.					
	750 V AC	750 V AC	750 V AC		750 V AC
	690 V AC	690 V AC	690 V AC		690 V AC
	8 kV	8 kV	8 kV		8 kV
	50 A for feeder for 10 mm <sup>2</sup> cable/63 A for feeder for 2 10 mm <sup>2</sup> cables				
	50/60 Hz				
	IPxxB				
	Direct onto the row by cable 50 mm <sup>2</sup> with crimped lug, or flexible bar 20 x 3 From Linergy BW insulated busbar in enclosure or cubicle with connection ref. <b>LVS04021</b> From Linergy BS sheathed busbar with connection ref. <b>LVS04024</b> From Linergy BS rear busbar with connection ref. <b>LVS04029</b>				
	6 connection points for each phase 9 connection points for the neutral	12 connection points for the phase and the neutral	12 connection points for each phase 18 connection points for the neutral		
	24 9-mm pitches 12 18-mm modules	48 9-mm pitches 24 18-mm modules			72 9-mm pitches 36 18-mm modules
	2 sachets with 12 stripped copper connections 10 mm <sup>2</sup> (L=100 mm) Protective covers for power supply rows (IPxxB) Fixing accessories for power supply rows				
	<b>LVS04018</b>	<b>LVS04012</b>	<b>LVS04013</b>	<b>LVS04014</b>	<b>LVS04026</b>

### Connections to the distribution block

	4P 200 A connection (supplied with fixing accessories)	4P 200 A connection (supplied with fixing accessories)	4P 200 A connection (supplied with fixing accessories)	4P 160 A connection for Linergy FM 1/2 row
Allows power supply from	Linergy BW busbar	Linergy BS sheathed busbar	Linergy BS rear busbar	Switchgear
References	<b>LVS04021</b>	<b>LVS04024</b>	<b>LVS04029</b>	<b>LVS04030</b>

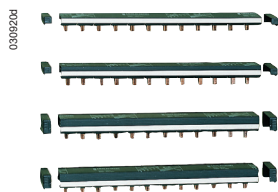
### Spare parts



Reference	4 covers for 160/200 A Linergy FM rows <b>LVS01202</b>
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# Linergy FH

## Horizontal comb busbar for 27 mm pitch for C120, NG125



IEC 60664-1

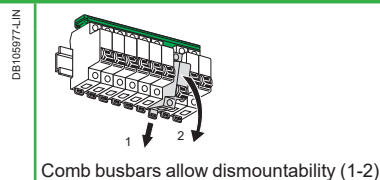
### Description

Comb busbars make it easier to install Schneider Electric products.

- Supplied with 2 side plates, IP2
- Outgoing feeders can be marked
- Cutting markings on the copper bars and the insulating material

C120, NG125		27 mm poles, cuttable			
Number of poles		1P	2P	3P	4P
	0309204				
		Supplied with 2 side plates, IP2 and 4 tooth cover end-pieces Outgoing feeders can be marked Cutting markings on the copper bars and the insulating material Unused teeth can be insulated with tooth covers			
Rated operational current at 40°C	(Ie)	125 A			
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers			
Insulation voltage	(Ui)	620 V			
Rated voltage	(Ue)	500 V			
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s			
Colour		RAL 7016 (anthracite grey)			
<b>Use</b>					
		Power supply by connector recommended			
Number of 27 mm modules		16	16	15	16
Set of		1			
<b>References</b>		<b>14811</b>	<b>14812</b>	<b>14813</b>	<b>14814</b>

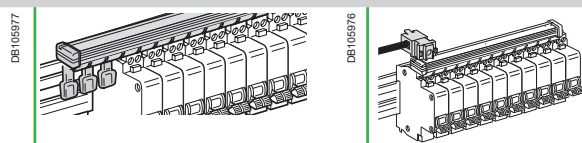
### Installation



Comb busbars allow dismountability (1-2)

### Accessories

Number of poles	1P, 2P, 3P, 4P		
	PG184071	0309214	
	<b>Tooth covers</b>		<b>Insulated connector</b>
			Compatible with all Schneider Electric comb busbars Clip onto the comb busbar's insulating material, which gives them very great stability Receive clip-on markers allowing circuit identification
<b>Use</b>			
Set of	20		For 25 mm <sup>2</sup> semi-rigid cable
<b>References</b>	<b>14818</b>		-



# Linery FH

## Horizontal comb busbar for 18 mm pitch for Acti 9 / Multi 9

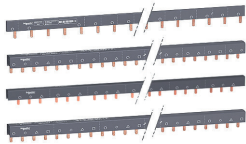
IEC 60947-7-1, IEC 61439-2

### Description

Comb busbars make it easier to install Schneider Electric products.

- Can be sawn and cut in a single pass
- Supplied with two IP20 lateral end-pieces except for 57 module references
- The end-pieces are compulsory after cutting
- The phases are identified by symbols on each side of the comb busbar for installation in all positions
- Cutting marks on the insulating material
- The special comb busbars for circuit breakers with 9 mm auxiliaries have a 9 mm gap for inserting iOF and iSD

PB502379



Acti 9 / Multi 9		18 mm poles, cuttable										
Number of poles		1P	2P	3P	4P	3 (N+P)	Aux+1P	Aux+2P	Aux+3P	Aux+4P	3 (Aux+1P)	3 (Aux+N+1P)
	PB110259-24											
Rated operational current at 40°C (Ie)		100 A										
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers										
Insulation voltage (Ui)		500 V										
Rated voltage (Ue)		415 V										
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s										
Colour		RAL 7016 (anthracite grey)										
<b>Use</b>												
Power supply by connector recommended												
Type		L1...	L1L2...	L1L2L3...	NL1L2L3...	NL1NL2... ...NL3	AuxL1...	AuxL1L2...	AuxL1L2L3	AuxNL1... ...L2L3	AuxL1... ...AuxL2... ...AuxL3	AuxL1... ...AuxL2... ...AuxL3
Set of		1	1	1	1	1	1	1	1	1	1	1
<b>References</b>												
6 modules of 18 mm		A9XPH106	-	-	-	-	-	-	-	-	-	-
12 modules of 18 mm		A9XPH112	A9XPH212	A9XPH312	A9XPH412	A9XPH512*	-	-	-	-	-	-
18 modules of 18 mm		-	-	-	-	A9XPH518*	-	-	-	-	-	-
24 modules of 18 mm		A9XPH124	A9XPH224	A9XPH324	A9XPH424	A9XPH524*	-	-	-	-	-	-
57 modules of 18 mm		A9XPH157	A9XPH257	A9XPH357	A9XPH457	A9XPH557*	A9XAH157	A9XAH257	A9XAH357	A9XAH457	A9XAH657	A9XAH557*

\* This comb busbar is only compatible in top feeding for simple lug devices and bottom feeding on double lug devices.

### Installation

PB110290-40



PB110793-40



### Accessories

Number of poles	1P	2P	3P	4P	-	-	-					
	DB404806				DB404806			PB110255-15			PB110255-22	
	<b>End-pieces</b>				<b>Tooth covers</b>		<b>Connectors</b>					
	Lateral end-pieces providing IP20 protection				Insulate teeth that have been left free		Comb busbar power supply. Horizontal in comer on each side. For 35 mm <sup>2</sup> cable. Tightening torque 4 N.m					
Set of	10	10	10	10	20	4	4					
References	A9XPE110	A9XPE210	A9XPE310	A9XPE410	A9XPT920	A9XPCM04	A9XPCD04					

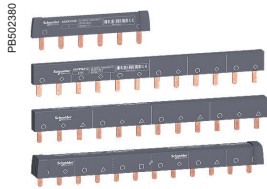
# Linergy FH

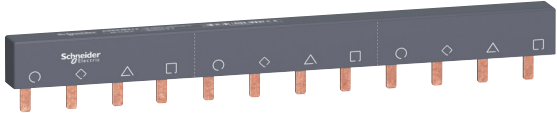
## Horizontal comb busbar for 18 mm pitch for Acti 9 / Multi 9

IEC 60947-7-1, IEC 61439-2

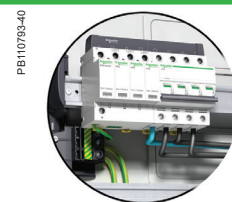
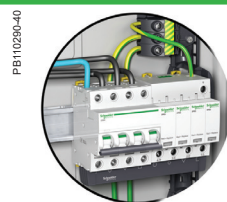
### Description

Comb busbars make it easier to install Schneider Electric products. The phases are identified by symbols on each side of the comb busbar. Dismountability of devices with Acti 9.








<b>Acti 9 / Multi 9</b>		<b>18 mm poles, not cuttable</b>	
<b>Number of poles</b>	<b>1P</b>	<b>3P</b>	
	PB110231-15		
Rated operational current at 40°C (Ie)	100 A		
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers		
Insulation voltage (Ui)	500 V		
Rated voltage (Ue)	415 V		
Fire resistance to IEC 695-2-1	Self-extinguishing 960°C 30 s		
Colour	RAL 7016 (anthracite grey)		
<b>Use</b>			
Type	Power supply by connector recommended		
Set of	L1	L1L2L3	
	1	1	
<b>References</b>			
12 modules of 18 mm	<b>A9XPM112</b>	<b>A9XPM312</b>	

### Installation



### Accessoires

			
	<b>Cache-dents</b>	<b>Connecteurs</b>	
	Isolez les dents libres	<b>Bornes doubles</b>	<b>Monoconnexion</b>
<b>Utilisation</b>	Arrivée horizontale de chaque côté Pour câble de 35 mm <sup>2</sup> Couple de serrage 4 N.m.		
Ensemble de	20	4	4
<b>Références</b>	<b>A9XPT920</b>	<b>A9XPCD04</b>	<b>A9XPCM04</b>
<b>Installation</b>			



# Linery FH

## Horizontal comb busbar for 9 mm pitch for Acti 9, C60

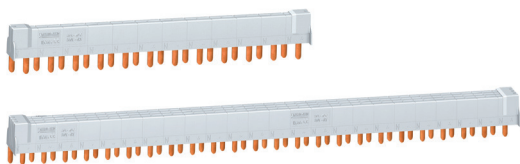
### IEC 60439-1



### Description

Comb busbars ensure:


- Easy, reliable mounting of 1P+N and 3P+N, TL, CT, ID, V, BP and Cm switchgear: tooth positioning opposite the device terminals is ensured by indexing of copper parts
- C60/ID Group Feeder comb busbars contain two different parts:
  - Connection of Group Feeder switchgear: C60 (3P+N) or ID (3P+N) circuit breaker in 18 mm modules, powered by cables, through the bottom, directly by the terminals
  - Connection of Clario, Prodis and Libro switchgear in 9 mm modules

PB602382





Acti 9 Ph+N		9 mm poles, cuttable				
Number of poles		1P+N		3P+N		
						
		21501		21505		
		Complete comb busbars (supplied with 4 side plates and 1 tooth cover)				
Rated operational current at 40°C	(Ie)	80 A				
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers				
Insulation voltage	(Ui)	440 V				
Rated voltage	(Ue)	230 V (P4 + N) - 400 V (3Ph + N)				
Rated impulse withstand voltage	(Uimp)	6 kV				
Degree of protection		IP20				
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s				
Colour		RAL 7035				
Number of 18 mm modules	Comb busbar	12	24	12	18	24
	Tooth cover	3	6	3	3	6
<b>References</b>		<b>21501</b>	<b>21503</b>	<b>21505</b>	<b>LVS09516</b>	<b>21507</b>
<b>Comb busbars alone</b>						
Number of 18 mm modules	Comb busbar	48		48		
<b>References</b>		<b>21089</b>		<b>21093</b>		

### C60/ID Group Feeder comb busbars alone

Number of poles		3P+N		
				
Rated operational current at 40°C	(Ie)	80 A		
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers		
Insulation voltage	(Ui)	440 V		
Rated voltage	(Ue)	230 V (P4 + N) - 400 V (3Ph + N)		
Rated impulse withstand voltage	(Uimp)	6 kV		
Degree of protection		IP20		
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s		
Colour		RAL 7035		
Number of 18-mm modules		12	48	48
Power supply		Through left-hand	Through left-hand	Through right-hand
<b>References</b>		<b>10545</b>	<b>10546</b>	<b>10547</b>

### Accessories

Number of poles		1P+N	3P+N		
					
		<b>End-pieces</b>	<b>Tooth covers (3 x 18-mm modules)</b>	<b>Tooth covers (1 x 18-mm module)</b>	<b>Connectors (grey)</b>
Set of		40	12	10	4
<b>References</b>		<b>21094</b>	<b>21095</b>	<b>21096</b>	<b>21098</b>

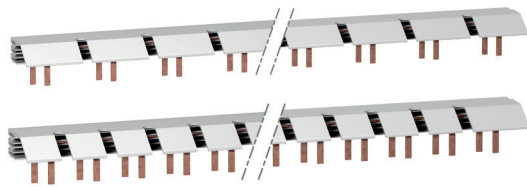
# Linergy FH

## Horizontal comb busbar for 9 mm pitch for Acti 9

### IEC 60439-1

### Description

PB1080283



- Connection of Clario, Prodis and Libro switchgear in 9 mm modules
- The special comb busbars for circuit breaker have a gap of 9 mm for inserting OF, SD, OF-SD/OF auxiliaries
- The comb busbars for 3P+N circuit breakers and auxiliaries are compatible with PrismaSeT switchboard
- 1P+N comb busbars with PrismaSeT and Pragma 24

Acti 9		9 mm poles, cuttable			
Number of poles		1P+N	3P+N	1P+N	3P+N
		A9N21036		Comb busbars DPN Vigi	
Rated operational current at 40°C (Ie)		63 A			
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers			
Insulation voltage (Ui)		500 V			
Rated voltage (Ue)		230 V ( P4 + N) - 400 V (3Ph + N)			
Degree of protection		IP20			
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s			
Colour		RAL 7035			
Number of 18-mm modules		56	56	56	56
<b>References</b>		<b>A9N21035</b>	<b>A9N21036</b>	<b>A9N21037</b>	<b>A9N21038</b>

Accessories					
Number of poles	1P+N	3P+N			
	<b>End-pieces</b>	<b>Connectors (grey)</b>		<b>Neutral connectors (blue)</b>	<b>Tooth cover (1 x 18 mm module)</b>
Set of	20	10	10	10	10
<b>References</b>	<b>A9N21039</b>	<b>A9N21040</b>	<b>A9N21041</b>	<b>A9N21042</b>	<b>A9N21050</b>

# Linery FH

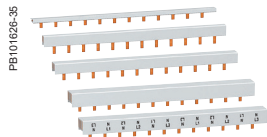
## Horizontal comb busbar for 18 mm pitch for Domae

IEC 60439-1, IEC60664

### Description

Comb busbars:

- Ensure easy reliable mounting of switchgear: tooth positioning opposite the device terminals is ensured by indexing of copper parts.
- Can be sawn and cut.
- Are supplied with two IP20 lateral end-pieces (the end-pieces are compulsory).
- Unused teeth can be insulated with tooth covers.



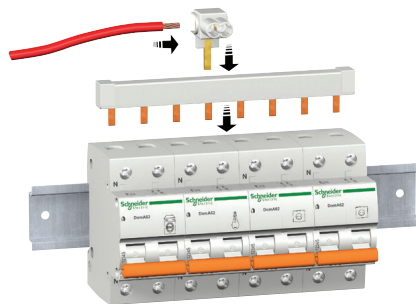
Domae		18 mm poles, cuttable							
Number of poles		1P	2P	3P	4P	L1N/L2N/L3N			
Rated operational current at 40°C (Ie)		63 A							
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers							
Insulation voltage (Ui)		500 V							
Rated voltage (Ue)		Ph/N 230 V AC Ph/Ph 400 V AC							
Fire resistance to IEC 695-2-1		Self-extinguishing 850°C 30 s							
Colour		RAL 7035							
Power supply		By 16 mm <sup>2</sup> semi-rigid or 10 mm <sup>2</sup> flexible cable With connector							
Number of 18 mm modules		12	57	12	57	12	57	57	57
References		10387	10388	10389	10390	10391	10392	10394	10395

PB502372



### Installation

PB101630\_SE-40



### Accessories

Type	Connectors (4, 35 mm <sup>2</sup> )	End-pieces (2 phases)	End-pieces (3 phases)	End-pieces (4 phases)	Tooth covers
Set of	1	10	10	10	10
References	10397	10398	10399	10405	10396

PB502373



PB101632-10



PB502376



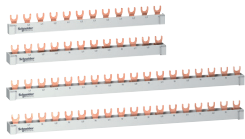
PB110898



# Linergy FH

## Horizontal biconnect comb busbar for 18 mm pitch

PB602361



### IEC60664-1

### Description

Distribution and sub-distribution of the electric power supply  
Fast assembly and disassembly of connected devices

Horizontal biconnect comb busbar		18 mm poles, cuttable															
Number of poles		1P			2P			3P			4P						
Rated operational current at 40°C (Ie)		63 A															
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers															
Insulation voltage (Ui)		500 V															
Rated voltage (Ue)		Ph/N			230 V AC									Ph/Ph		400 V AC	
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s															
Colour		RAL 7035 (grey)															
<b>Use</b>		Power supply: into box lug (25 mm <sup>2</sup> rigid or 16 mm <sup>2</sup> flexible) or by connector (35 mm <sup>2</sup> rigid or 25 mm <sup>2</sup> flexible with ferrule)															
Type		L1			L1L2			L1L2L3			L1L2L3L4						
Number 18 mm, modules		12	18	57	12	18	57	12	18	57	12	18	57				
Set of		1	1	1	1	1	1	1	1	1	1	1	1				
<b>References</b>		R9XFH112	R9XFH118	R9XFH157	R9XFH212	R9XFH218	R9XFH257	R9XFH312	R9XFH318	R9XFH357	R9XFH412	R9XFH418	R9XFH457				




### Installation



Horizontal biconnect comb busbar		18 mm poles, cuttable															
Number of poles		4P															
Rated operational current at 40°C (Ie)		63 A															
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers															
Insulation voltage (Ui)		500 V															
Rated voltage (Ue)		Ph/N			230 V AC									Ph/Ph		400 V AC	
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s															
Colour		RAL 7035 (grey)															
<b>Use</b>		Power supply: into box lug (25 mm <sup>2</sup> rigid or 16 mm <sup>2</sup> flexible) or by connector (35 mm <sup>2</sup> rigid or 25 mm <sup>2</sup> flexible with ferrule)															
Type		NL1L2L3L4 - NL1NL2NL3						NL1NL2NL3									
Number 18 mm, modules		18						18						57			
Set of		1						1						1			
<b>References</b>		R9XFH518G						R9XFH518						R9XFH557			

### Installation



Accessories		18 mm poles, cuttable											
Number of poles		1P			2P			3P			4P		
End-pieces													
Tooth covers													
Connectors													
Set of		10			20			4					
<b>References</b>		R9XE110	R9XE210	R9XE310	R9XE410	R9XT20	R9XFC04						



# Linergy FC

## Feeders for ComPacT NSX and INS-INV up to 250 A

### IEC 61439-1 and 2

### Description

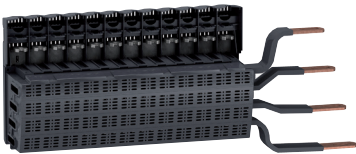
Linergy FC is an insulated horizontal distribution block. It connects directly to the mounting plate and can supply:




- Three 4P and four 3P ComPacT NSX circuit breakers, whatever the ratings (100, 160 or 250 A), the operating systems (toggle, rotary handle, motor mechanism), whether fixed or plug-in, front or rear connection (the circuit breakers must be equipped with long terminal shields downstream)
- Three 4P or four 3P ComPacT INS-INV switch-disconnectors, whatever the ratings (100, 160 or 250 A), whether front or rear connection.
- The design and small size blend perfectly with the devices.
- It can be supplied by Linergy BS or Linergy LGY busbars positioned to the left or right.
- Fully insulated, Linergy FC contributes to the safety of life and property. Numerous and well distributed vents ensure natural convection and optimum cooling of the conductors.
- The circuit breakers can be easily connected from the front. It is simple to interchange a device or to add a device in a reserve slot.
- There are markings (N, L1, L2, L3) on the front and the sides for the phases.
- The running of auxiliary cables between the devices and the corresponding terminal blocks is also taken into account. Spacious trunking is built into the blocks for the auxiliary wiring.

PB502507-48\_reps

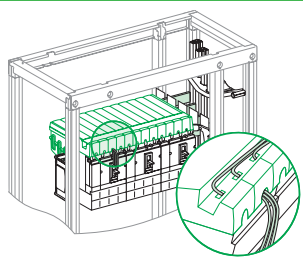


PB502503-48\_reps

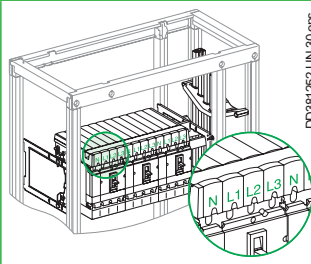


	Distribution block for ComPacT NSX 100/250 Toggle/Fixed+Connection		Distribution block for ComPacT NSX 100/250 Toggle/Fixed+Connection		Distribution block for ComPacT NSX 100/250 Fixed W/O Connection	
						
	Linergy FC with prefabricated connections by insulated flexible bars (1)		Linergy FC with prefabricated connections (1)		Linergy FC without prefabricated connections (1)	
Number of poles	3P	4P	3P	4P	3P	4P
Connection to	Linergy LGY busbars		Linergy BS, Linergy LGY or Linergy LGYE Aluminum profile busbars		Linergy BS, Linergy LGY or Linergy LGYE Aluminum profile busbars	
Number of devices	4	3	4	3	4	3
Composition	Self-adhesive labels to mark the phases for connections to the busbars.					
<b>PrismaSeT P Mounting plates</b>						
Toggle, Fixed, NSX100/250	LVS03420	LVS03420	-	-	LVS03420	LVS03420
Toggle, Plug-in, NSX100/250	-	-	LVS03423	LVS03423	LVS03423	LVS03423
Rotary handle, motor mechanism, Fixed, NSX100/250	-	-	LVS03422	LVS03422	LVS03422	LVS03422
Cat. no.	LVS04403	LVS04404	LVS04405	LVS04406	LVS04407 (2)	LVS04408 (2)

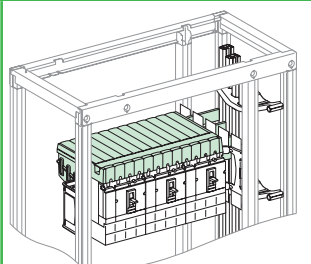
### Implementation



Auxiliary wires running in the built-in trunking.



Phase marking on the front of the distribution block.



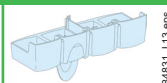
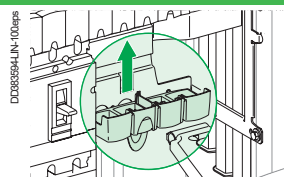
(1) The connection of a Linergy FC distribution block using pre-wired connectors or insulated flexible bars is not compatible with Form 2 partitioning (LVS04922). In this case, use the form 2 restoration kit (LVS04924).  
 (2) For the connection, use insulated flexible bars, 32 x 8 mm cat. no. LVS04753; Each connection must not be longer than 500 mm. This size is validated with Schneider Electric insulated flexible bars.



# Lineryg FC

## Feeders for ComPacT NSX and INS-INV up to 250 A

### Accessories



#### Tooth caps

The caps block off the reserve terminals on a Lineryg FC distribution block. Made of an insulating material, they simply clip on from the front.

#### Catalogue numbers

LVS04809

## Characteristics

### Common characteristics

Rated operational current at 40°	(In)	Distribution-block derating follows the normal derating curves of ComPacT NSX and INS-INV
Rated conditional short-circuit current of an assembly	(Isc)	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested. The electrical characteristics are perfectly compatible with the connected devices. Neither the temperature derating curves nor the performance levels of the circuit breakers and switch-disconnectors are altered.
Rated insulation voltage	(Ui)	750 V AC
Rated operational voltage	(Ue)	690 V AC
Rated impulse withstand voltage	(Uimp)	8 kV
Rated peak withstand current	(Ipk)	50 kA rms
Rated short-time current with upstream protection of 85 kA Icc	(Icc)	85 kA
Thermal stress	(I².t)	2.500 x 10 <sup>7</sup>
Rated conditional short-circuit current of an assembly		Short-circuit withstand current compatible with the breaking capacity of the ComPacT NSX circuit breakers connected to the distribution block.

## Lineryg FC selection table for special cases

For most installations, the temperature around the switchboard is 40 °C, corresponding to an average temperature of 60 °C inside the switchboard.

Under certain conditions, the temperature inside the switchboard may be different.

### (A) Rated operational current as a function of the temperature inside the switchboard

Temperature (°C)		40	45	50	55	60	65	70
I <sub>nc</sub> (A)	3P	800	800	775	750	725	700	675
	4P	675	675	655	635	615	595	570

To obtain the maximum permissible current for the lineryg FC, apply the diversity factor K:

- Lineryg FC 3P: K = 0.8
- Lineryg FC 4P: RDF = 0.9.

# Linery FC

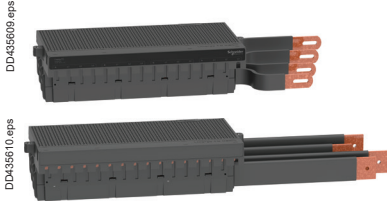
## Feeders for ComPacT NSXm up to 160 A




### IEC 61439-1 and 2

### Description

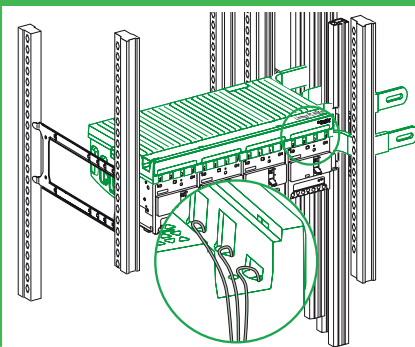
Linery FC is an insulated horizontal distribution block. It connects directly to the mounting plate and can supply:

- Four 4P and five 3P ComPacT NSXm circuit breakers (four 3P and 4P for ComPacT NSXm Vigi), whatever the ratings (63, 100 or 160 A) with toggle and direct rotary handle operating mechanism.
- The design and small size blend thoroughly with the devices.
- It can be supplied by Linery BS, Linery LGYE Aluminum profile and Linery LGY busbars positioned to the left or right.
- Fully insulated, Linery FC helps to protect life and property. Numerous and well distributed vents ensure natural convection and optimum cooling of the conductors.
- The circuit breakers can be easily connected from the front. It is simple to interchange a device or to add a device in a reserve slot.
- There are markings (N, L1, L2, L3) on the front and the sides for the phases.
- The running of auxiliary cables between the devices and the corresponding terminal blocks is also considered. Spacious trunking is built into the blocks for the auxiliary wiring.

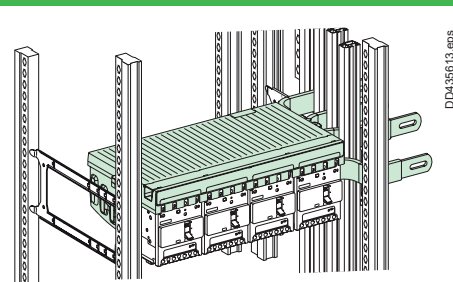


	ComPacT NSXm - Toggle (with Everlink terminal)		ComPacT NSXm - Toggle/ DRH (with Everlink terminal)			
						
	Linery FC with prefabricated connections by insulated flexible bars (1)		Linery FC with prefabricated connections (1)		Linery FC without prefabricated connections (1)	
Number of poles	3P	4P	3P	4P	3P	4P
Connection to	Linery LGY busbars		Linery BS and Linery LGYE Aluminum profile busbars			
Number of devices	5 (2)	4	5 (2)	4	5 (2)	4
PrismaSeT P Mounting plates	LVS03416	LVS03416	LVS03416	LVS03416	LVS03416	LVS03416
Cat. no.	LVS04410	LVS04411	LVS04412	LVS04413	LVS04419 (3)	LVS04420 (3)
	LVS04416 (3)		LVS04417 (3)		LVS04418 (3) (4)	

### Implementation



Auxiliary wires running in the built-in trunking.

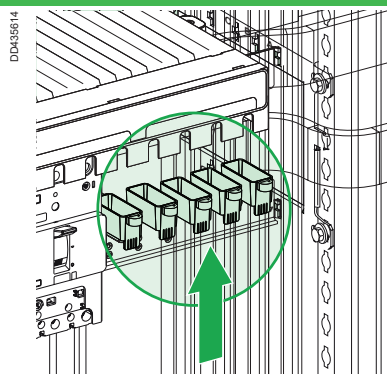


- (1) The connection of a Linery FC distribution block using pre-wired connectors or insulated flexible bars is not compatible with Form 2 partitioning (LVS04922). In this case, use the form 2 restoration kit (LVS04924).
- (2) Linery FC configuration having NSXm with Vigi can mount four devices in a row for both 3P and 4P.
- (3) For the connection, use insulated flexible bars, 32 x 6 mm cat. no. LVS04752; Each connection must not be longer than 500 mm. This size is validated with Schneider Electric insulated flexible bars.
- (4) The catalogue reference number is used only with NSXm Vigi.

# Linergy FC

Feeders for ComPacT NSXm up to 160 A

## Accessories



### Tooth caps

The caps block off the reserve terminals on a Linergy FC distribution block. Made of an insulating material, they simply clip on and install the screw from the front.

Catalogue numbers

LVS04810

## Characteristics

### Common characteristics

Rated operational current at 40°	(In)	Distribution-block derating follows the normal derating curves of ComPacT NSXm
Rated conditional short-circuit current of an assembly	(Isc)	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested. The electrical characteristics are perfectly compatible with the connected devices. Neither the temperature derating curves nor the performance levels of the circuit breakers and switch-disconnectors are altered.
Rated insulation voltage	(Ui)	800 V AC
Rated operational voltage	(Ue)	690 V AC
Rated impulse withstand voltage	(Uimp)	8 kV
Rated peak withstand current	(Ipk)	18 kA
Rated short-time current with upstream protection of 85 kA Icc	(Icc)	50 kA
Thermal stress	(I².t)	4.5 x 10⁶ A²S
Rated conditional short-circuit current of an assembly		Short-circuit withstand current compatible with the breaking capacity of the ComPacT NSXm circuit breakers connected to the distribution block.

## Linergy FC selection table for special cases

For most installations, the temperature around the switchboard is 40 °C, corresponding to an average temperature of 60 °C inside the switchboard.

Under certain conditions, the temperature inside the switchboard may be different.

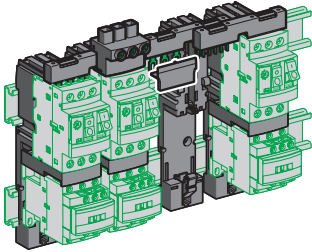
### (A) Rated operational current as a function of the temperature inside the switchboard

Ambient Air Temperature outside panel (°C)		35	40	45	50
IP31(A)	3P	600	575	550	525
	4P	500	480	460	440
IP55 (A)	3P	515	500	475	450
	4P	460	440	420	400

# Linergy FT

## Tesys comb busbar


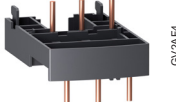

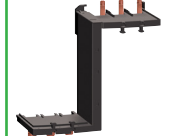
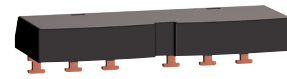
PB502399




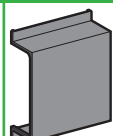



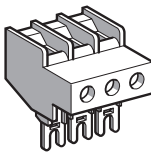

### Description

It is much easier to create protection and control blocks, thanks to a range of accessories. These can be used to:

- Supply power to a group of blocks (combs and connection blocks GV2 G ●)
- Fix a fuse-carrier and a contactor on top of one another (mounting plate LAD 311)
- Interconnect a fuse-carrier and its contactor (rigid wiring modules GV2 AF ●, LAD 3 ●)
- Using them creates considerably more space in the switchboard and reduces the wiring time



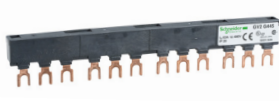
	Combination blocks			S-shape busbars	115 A busbars for connecting contactors in parallel	
						
	Between GV2 and contactor LC1 K or LP1 K	Between GV2 and contactor LC1 D09... D38	Between GV2 mounted on LAD 311 and contactor LC1 D09... D38	For circuit-breakers GV3 P ●● and GV3 L ●● and contactors LC1 D40A...D65A	Contactors LC1 D40A...D65A	
Set of	10	10	10		2	3
References	GV2AF01	GV2AF3	GV2AF4	GV3S	GV3G264	GV3G364

Accessories						
						
	<b>Protective end cover</b>	<b>Terminal block for supply to one or more GV2 G busbar sets</b>		<b>Cover for terminal block</b>	<b>Flexible 3-pole connecting a GV2 to a contactor LC1-D09... D25</b>	
	For unused busbar outlets	Connection from the top	Can be fitted with current limiter GV1 L3 (GV2 ME and GV2 P)	For mounting in modular panels	Centre distance between mounting rails: 100... 120 mm	
Set of	5	1	1	10	10	
References	GV1G10	GV1G09	GV2G05	LA9E07	GV1G02	



Accessories for main pole and control connections							
Number of poles	4-pole 10 mm <sup>2</sup>	3-pole 25 mm <sup>2</sup>	2-pole				
							
	<b>Connectors for cable, size (1 connector)</b>		<b>Links for parallel connection of</b>				
For use with contactors LC1	(~) DT20, DT25	D09...D38	D09...D38	DT20, DT25 (4P)	DT32, DT40 (4P)	D40A...D65A	D80, D95
	(=) DT20, DT25	D09...D38	D09...D38	DT20, DT25 (4P)	DT32, DT40 (4P)	D40A...D65A	D80
Set of	1	1	10	10	10	1	2
References	LAD92560	LA9D3260	LA9D2561	LA9D1261	LAD96061	LAD9P32	LA9D80961

# Linergy FT

## Tesys comb busbar

Sets of 3-pole 63 A busbars										
PB602384				PB602386				ODAG/GV2G445		
	2 tap-offs			3 tap-offs		4 tap-offs		5 tap-offs		
Pitch mm										
45	54	72	45	54	45	54	72	54		
GV2G245	GV2G254	GV2G272	GV2G345	GV2G354	GV2G445	GV2G454	GV2G472	GV2G554		

LAD311			PB111888			GK2AF01			GV2GA01		
	Adapter plates			Height compensation plate			Motor starter adapter plate			Connections upstream/downstream	
For mounting a GV2 ME or GV2 P and contactor LC1 D09... D38 with front faces aligned		7.5 mm		With 3-pole connection for mounting a GV2 and a contactor LC1 D09... D25		For connecting GV2 ME to a printed circuit board					
1		10		1		10					
LAD311		GV1F03		GK2AF01		GV2GA01					




3-pole			4-pole		
ODALABD0892			ODALABD0893		
	D09...D38	D40A...D65A		D80, D95	DT20, DT25
D09...D38	D40A...D65A	D80, D95	DT20, DT25	D80	
10	1	1	2	2	
LAD9P3	LAD9P33	LA9D80962	LA9D1263	LA9D80963	





# Linery FT

## Tesys comb busbar

### For 3-pole reversing contactors

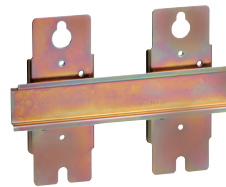
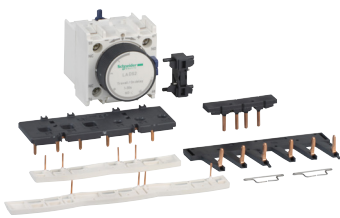
									
	LAD9R1		LAD9R3	LA9D8069					
	<b>Kits for assembly of reversing contactors</b>			<b>Power connections</b>					
Composition	<ul style="list-style-type: none"> <li>■ A mechanical interlock LAD 9V2 with electrical interlock LAD 9V1</li> <li>■ A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing)</li> </ul>		<ul style="list-style-type: none"> <li>■ A mechanical interlock LAD 9V2 without electrical interlock</li> <li>■ A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing)</li> </ul>	<ul style="list-style-type: none"> <li>■ A mechanical interlock LAD 4CM</li> <li>■ A set of power connections LA9 D65A69</li> </ul>	<ul style="list-style-type: none"> <li>■ A set of parallel bars</li> <li>■ A set of reverser bars</li> </ul>				
For contactors	LC1 D09 to D38		LC1 D40A to D65A	LC1 D09 to D38 with screw terminals or connectors	LC1 D09...D32 with spring terminal connections	LC1 D40A to D65A	LC1 D80 and D95 (~)	LC1 D80 and D95 (—)	LC1 D115 and D150
References	LAD9R1V	LAD9R1	LAD9R3	LAD9V5 + LAD9V6	LAD9V12 + LAD9V13	LA9D65A69	LA9D8069	LA9D8069	LA9D11569

### For 4-pole changeover contactor

										
	LA9 D6570						LA9 D8070			
	<b>Kits for assembly of changeover contactor pairs</b>		<b>Sets of power connections</b>							
Composition	<ul style="list-style-type: none"> <li>■ A mechanical interlock LAD 9V2 with electrical interlock LAD 9V1</li> <li>■ A set of power connections (changeover) LAD 9V7</li> </ul>		<ul style="list-style-type: none"> <li>■ A mechanical interlock LAD 9V2 without electrical interlock</li> <li>■ A set of power connections (changeover) LAD 9V7</li> </ul>		Comprising a set of parallel bars					
For contactors	LC1 DT20 to DT40 with screw terminals or connectors		LC1 DT60A and DT80A	LC1 D80004	LP1 D80004	LC1 D115004	LC1 DT203 to DT403 with spring terminals	LC1 D80004	LP1 D80004	
References	LADT9R1V	LADT9R1	LA9D65A70	LA9D8070	LA9D8070	LA9D11570	LAD9V9	LA9D8070	LA9D8070	

# Linergy FT

## Tesys comb busbar



**For star-delta starter**

- 1 time delay contact block LAD S2 (LC1 D09...D80)
- Power circuit connections (LC1 D09...D80)
- Hardware required for fixing the contactors onto the mounting plate (LC1 D80)

**Equipment mounting plates**

LC1 D09 and D12	LC1 D18 to D32	LC1 D40A and D50A	LC1 D80	LC1 D09, D12 and D18	LC1 D32	LC1 D40A and D50A	LC1 D80
LAD91217	LAD93217	LAD9SD3	LA9D8017	LA9D12974	LA9D32974	-	LA9D80973

**For 3-pole changeover contactor pairs**

LAD90670



**Mechanical interlocks**

**Sets of power connections**

Without integral electrical interlock	With integral electrical interlock	Comprising a set of parallel bars
LC1 D40A...D65A	LC1 D115 and D150	
LAD9R3S	LA9D11502	LA9D11571

# Linery FT

## Tesys comb busbar

### Components for assembling 3-pole reversing contactors and changeover contactor pairs



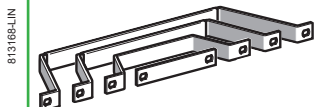
3-pole reversing contactors for motor control

3-pole changeover contactor pairs

<b>Horizontal mounting</b>	LC1 F115 (1)	LC1 F150 (1)	LC1 F185 (1)	LC1 F225 (1)	LC1 F265 (1)	LC1 F330 (1)	LC1 F400 (1)	LC1 F500 (1)	LC1 F630 (1) or F800
<b>For assembly of 3-pole reversing contactors for motor control</b>	LA9FF976	LA9F15076	LA9FG976	LA9F22576	LA9FH976	LA9FJ976	LA9FJ976	LA9FK976	LA9FL976
<b>For assembly of 3-pole changeover contactor pairs</b>	LA9FF982	LA9F15082	LA9FG982	LA9F22582	LA9FH982	LA9FJ982	LA9FJ982	LA9FK982	LA9FL982

(1) Tesys F substitution is on going by TeSys Giga. See dedicated pages to get information about Power Wiring accessories.

### Components for assembling 3 and 4-pole changeover contactor pairs



4-pole changeover contactor pairs

<b>Horizontal mounting</b>	LC1F1154 (1)	LC1F1504 (1)	LC1F1854 (1)	LC1F2254 (1)	LC1F2654(1)	LC1F3304(1)	LC1F4004(1)	LC1F5004(1)	LC1F6304(1)
<b>Set of power connections</b>	LA9FF977	LA9F15077	LA9FG977	LA9F22577	LA9FH977	LA9FJ977	LA9FJ977	LA9FK977	LA9FL977

(1) Tesys F substitution is on going by TeSys Giga. See dedicated pages to get information about Power Wiring accessories.

### Accessories



LA9 ● 602

LA9 F ● 601

	<b>Links for parallel connection of poles (in pairs)</b>					<b>Links for "star" connection of 3 poles</b>				
	LC1 F1154(1)	LC1 F1504 (1), F1854	LC1 F2254 (1), F2654, F3304, F4004	LC1 F5004(1)	LC1 F6304(1)	LC1 F115 (1)	LC1 F150 (1), F185	LC1 F225 (1), F265, F330, F400	LC1 F500 (1)	LC1 F630(1), F800
<b>References</b>	LA9 FF602	LA9FG602	LA9FH602	LA9FK602	LA9FL602	LA9FF601	LA9FG601	LA9FH601	LA9FK601	LA9FL601

(1) Tesys F substitution is on going by TeSys Giga. See dedicated pages to get information about Power Wiring accessories.

# Linergy FT

## Tesys comb busbar

### Right-angled connectors

LA9FF981



LA9 F ● 981

LA9FF981



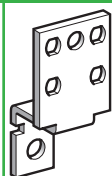
LA9 F ● 979

<b>Contactors</b>	<b>LC1 F115<sup>(1)</sup></b>			<b>LC1 F150<sup>(1)</sup>, F185</b>			<b>LC1 F225<sup>(1)</sup>, F265, F330, F400</b>		
Thermal overload relays	LR9 F5 ● 67, LR9 F67			LR9 F5 ● 69, F5 ● 71, LR9 F69, F71			LR9 F7 ● 75, LR9 F75		
Width (mm)	15			20			25		
Type	Rear	Side	Large surface area	Rear	Side	Large surface area	Rear	Side	Large surface area
<b>References</b>	<b>LA9FF981</b>	<b>LA9FF979</b>	<b>LA9FF980</b>	<b>LA9FG981</b>	<b>LA9FG979</b>	<b>LA9FG980</b>	<b>LA9FJ981</b>	<b>LA9FJ979</b>	<b>LA9FJ980</b>

(1) Tesys F substitution is on going by TeSys Giga. See dedicated pages to get information about Power Wiring accessories.

### Right-angled connectors

DF5 (LA9FL980)



LA9 FL980

<b>Contactors</b>	<b>LC1 F500<sup>(1)</sup></b>			<b>LC1 F630<sup>(1)</sup>, F800</b>		
Thermal overload relays	LR9 F7 ● 79, F7 ● 81, LR9 F79, F81			LR9 F7 ● 81, LR9 F81		
Width (mm)	30			40		
Type	Rear	Side	Large surface area	Rear	Side	Large surface area
<b>References</b>	<b>LA9FK981</b>	<b>LA9FK979</b>	<b>LA9FK980</b>	<b>LA9FL981</b>	<b>LA9FL979</b>	<b>LA9FL980</b>

(1) Tesys F substitution is on going by TeSys Giga. See dedicated pages to get information about Power Wiring accessories.

### Accessories

<b>Contactors</b>	<b>LC1 F115<sup>(1)</sup></b>	<b>LC1 F150<sup>(1)</sup> and F 185</b>	<b>LC1 F185<sup>(1)</sup></b>	<b>LC1 F225<sup>(1)</sup> and F265</b>	<b>LC1 F330<sup>(1)</sup> and F400</b>	<b>LC1 F400<sup>(1)</sup></b>	<b>LC1 F500<sup>(1)</sup></b>	<b>LC1 F630<sup>(1)</sup>, F800</b>	
Thermal overload relays	LR9 F5 ● 57, F5 ● 63, LR9 F5 ● 67, F5 ● 69, LR9 F69, F71	LR9 F5 ● 57, F5 ● 63	LR9 F5 ● 71, LR9 F71	LR9 F5 ● 71, LR9 F71	LR9 F7 ● 75, F ● 79, LR9 F75, F79	LR9 F7 ● 75, F7 ● 79, LR9 F75, F79	LR9 F7 ● 81, LR9 F81	LR9 F7 ● 75, F7 ● 79, LR9 F7 ● 81, LR9 F75, F79, F81	LR9 F7 ● 81, LR9 F81
Width (mm)	15	20	25	25	25	25	25	30	40
<b>References</b>	<b>LA7F401</b>	<b>LA7F402</b>	<b>LA7F407</b>	<b>LA7F403</b>	<b>LA7F404</b>	<b>LA7F404</b>	<b>LA7F404</b>	<b>LA7F405</b>	<b>LA7F406</b>

(1) Tesys F substitution is on going by TeSys Giga. See dedicated pages to get information about Power Wiring accessories.

### Power terminals

#### 'Cable Memory' connection blocks

Cables or busbars can be connected to the contactor by means of the optional memory connection blocks. When the contactor is removed for maintenance, the cables or busbars remain connected to these connection blocks, making reinstallation faster and easier.



LA9G3101

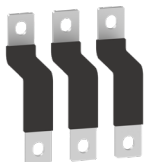
#### Cable memory <sup>(1)</sup>

Description	Compatibility with contactors	Quantity Set of	Reference
'Cable memory' for 3-pole contactors - for holding cables in place	LC1G115...LC1G225	2	LA9G3101
	LC1G265...LC1G500	2	LA9G3102
	LC1G630...LC1G800	2	LA9G3103
'Cable memory' for 4-pole contactors - for holding cables in place	LC1G115...LC1G225	2	LA9G4101
	LC1G265...LC1G500	2	LA9G4102
	LC1G630...LC1G800	2	LA9G4103

(1) 'Cable memory' connection blocks are always supplied with Advanced contactor version

### Fixed terminals extension

Flexible connecting bars to connect TeSys Giga High power contactors with MCCBs mounted in the same plane and orientation. These bars can be used along with Advanced or Standard version contactors. They help to get a quick and easy connection between contactor and MCCV with saving in installation time.

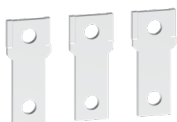


LA9G3111

#### 'Flexible terminal extension' for MCCBs

Description	Compatibility with contactors	To connect with NSX/NS MCCBs	Quantity Set of	Reference
Flexible terminal extension 3-pole	LC1G115...LC1G225	NSX100...NSX250	3	LA9G3111
	LC1G265...LC1G500	NSX400...NSX630	3	LA9G3112
	LC1G630...LC1G800	NSX800...NS1250	3	LA9G3113
Flexible terminal extension 4-pole	LC1G115...LC1G225	NSX100...NSX250	4	LA9G4111
	LC1G265...LC1G500	NSX400...NSX630	4	LA9G4112
	LC1G630...LC1G800	NSX800...NS1250	4	LA9G4113

#### Straight terminal extensions



LA9G3601

Description	Suitable for	Compatibility with contactors	Quantity Set of	Reference
Straight terminal extension	3P	LC1G115...LC1G225	3	LA9G3601
		LC1G265...LC1G500	3	LA9G3602
		LC1G630...LC1G800	3	LA9G3603
	4P	LC1G115...LC1G225	4	LA9G4601
		LC1G265...LC1G500	4	LA9G4602
		LC1G630...LC1G800	4	LA9G4603

#### Right angled terminal extension



LA9G3682

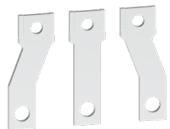
Description	Suitable for	Compatibility with contactors	Quantity Set of	Reference
Right angled side terminal extension	3P	LC1G115...LC1G225	3	LA9G3661
		LC1G265...LC1G500	3	LA9G3662
		LC1G630...LC1G800	3	LA9G3663
Right angled large terminal extension	3P	LC1G115...LC1G225	3	LA9G3671
		LC1G265...LC1G500	3	LA9G3672
		LC1G630...LC1G800	3	LA9G3673
Right angled rear terminal extension	3P	LC1G115...LC1G225	3	LA9G3681
		LC1G265...LC1G500	3	LA9G3682
		LC1G630...LC1G800	3	LA9G3683



LA9G3631

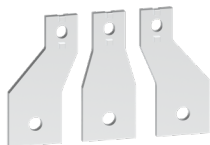
Edgewise terminal extensions				
Description	Suitable for	Compatibility with contactors	Quantity Set of	Reference
Edgewise terminal extension	3P	LC1G115...LC1G225	3	LA9G3632
		LC1G265...LC1G500	3	LA9G3632
		LC1G630...LC1G800	3	LA9G3633
	4P	LC1G115...LC1G225	4	LA9G4631
		LC1G265...LC1G500	4	LA9G4632
		LC1G630...LC1G800	4	LA9G4633

### Power terminals



LA9G3611

Spreader kits					
Description	Suitable for	Compatibility with contactors	Increase of pole pitch	Quantity Set of	Reference
Spreader kits	3P	LC1G115...LC1G225	35 to 45 mm	3	LA9G3611
		LC1G265...LC1G500	45 to 70 mm	3	LA9G3612
	4P	LC1G115...LC1G225	35 to 45 mm	4	LA9G4611
		LC1G265...LC1G500	45 to 70 mm	4	LA9G4612



LA9G3613

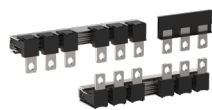
Terminal extension for larger power connections					
Description	Suitable for	Compatibility with contactors	Power connection size	Quantity Set of	Reference
Terminal connections	3P	LC1G115...LC1G225	50 mm width	3	LA9G3613
		LC1G265...LC1G500	80 mm width	3	LA9G3614
	4P	LC1G115...LC1G225	50 mm width	4	LA9G4613
		LC1G265...LC1G500	80 mm width	4	LA9G4614



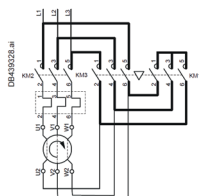
LA9G4711

Edgewise terminal extensions						
Description	Suitable for	Compatibility with contactors	Increase of pole pitch	Suitable for box connectors	Quantity Set of	Reference
Edgewise terminal extension	3P	LC1G115...LC1G225	35 to 45 mm	DZ2 FJ1/FH1 & AL400	3	LA9G3711
		LC1G265...LC1G500	45 to 70 mm	DZ2 FJ1/FK1 & AL400/AL600	3	LA9G3712
		LC1G630...LC1G800	70 to 80 mm	DZ2 FL1/FK1 & Type S/AL600	3	LA9G3714
	4P	LC1G115...LC1G225	35 to 45 mm	DZ2 FJ1/FH1 & AL400	4	LA9G4711
		LC1G265...LC1G500	45 to 70 mm	DZ2 FJ1/FK1 & AL400/AL600	4	LA9G4712
		LC1G630...LC1G800	70 to 80 mm	DZ2 FL1/FK1 & Type S/AL600	4	LA9G4714





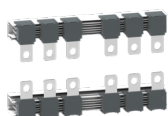
LA9GQQ330



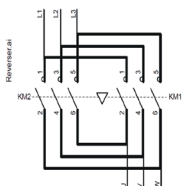
### Star-Delta (Wye-Delta) connection kits<sup>(1)</sup>

Description	Suitable for	for Line (KM2) and Delta (KM3) contactor	+ Star contactor (KM1)	Reference
Connection kit bars for Line-Delta Star contactor assembly	3P	LC1G115...LC1G225	LC1G115...LC1G225	LA9GQQ330
		LC1G265...LC1G500	LC1G115...LC1G225	LA9GSQ330
		LC1G265...LC1G500	LC1G265...LC1G500	LA9GSS330
	3P	LC1G630...LC1G800	LC1G265...LC1G500	LA9GTS330
		LC1G630...LC1G800	LC1G630...LC1G800	LA9GTT330
		LC1G265...LC1G500	LC1G115...LC1G225	LA9GSQ331
		LC1G630...LC1G800	LC1G265...LC1G500	LA9GTS331

(1) UL listed.



LA9G3760

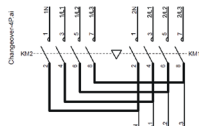
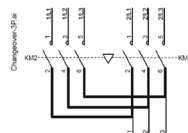


### Reverser connection kits

Description	Suitable for	Compatibility with contactors	Reference
Connection kit: bars for reverser contactor assembly	3P	LC1G115...LC1G225	LA9G3760
		LC1G265...LC1G500	LA9G3761
		LC1G630...LC1G800	LA9G3762



LA9G3750



### Changeover connection kits

Description	Suitable for	Compatibility with contactors	Reference
Connection kit: bars for changeover contactor assembly	3P	LC1G115...LC1G225	LA9G3750
		LC1G265...LC1G500	LA9G3751
		LC1G630...LC1G800	LA9G3752
	4P	LC1G115...LC1G225	LA9G4750
		LC1G265...LC1G500	LA9G4751
		LC1G630...LC1G800	LA9G4752



# Power busbars

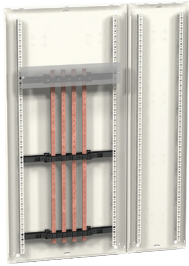
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# Linergy BS

## Rear flat busbars up to 400 A

PD38652-SE

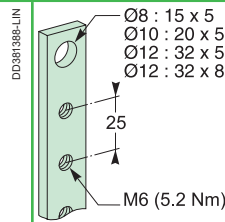


### IEC 61439-1 & 2

#### Description

The busbar can be 3-pole or 4-pole with ratings between 160 A and 400 A. 2 lengths are available: 1000 and 1400 mm, which can be cut as required. The number of supports depends on the installation maximum rated current.

#### 160 to 400 A copper busbars

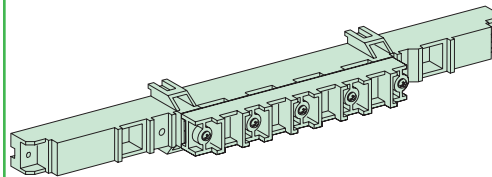


	160 A	250 A	400 A			
Rated peak withstand current (I <sub>pk</sub> )	30 kÅ	40 kÅ	55 kÅ			
Rated insulation voltage (U <sub>i</sub> )	1000 V	1000 V	1000 V			
Rated short-time current (I <sub>cw</sub> )	10 kA rms/1s	13 kA rms/1s	25 kA rms/1s			
Conductor cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm			
Installation	Threaded M6 holes every 25 mm all the way up Connection by: 16 to 50 mm <sup>2</sup> flexible cables with crimped lugs					
Set of	4					
Length (mm)	1000	1400	1000	1400	1000	1400
References	LVS04161	LVS04171	LVS04162	LVS04172	LVS04163	LVS04173

#### Insulating busbar support <sup>(1)</sup>

Distance between supports depending on I <sub>cw</sub> /I <sub>pk</sub> <sup>(2)</sup>	≤ 10 kA rms/1 s/30 kÅ	≤ 13 kA rms/1 s/40 kÅ	≤ 15 kA rms/1 s/40 kÅ	≤ 20 kA rms/1 s/45 kÅ	≤ 25 kA rms/1 s/55 kÅ
	450 mm	-	-	-	-
	-	450 mm	450 mm	300 mm	225 mm
Installation	On the rear uprights Screwed onto a solid or pre-slotted plate (fixing centres 450 x 200 mm)				
References	LVS04191	LVS04191	LVS04191	LVS04191	LVS04191

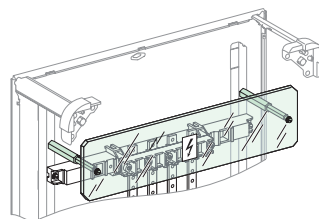
DD381389-LIN



#### IPxxB insulating protective shield

Length	470 mm	470 mm	470 mm
Height	100 mm	100 mm	100 mm
Composition	Supplied with fixings		
References	LVS04198	LVS04198	LVS04198

AC\_05832-LIN



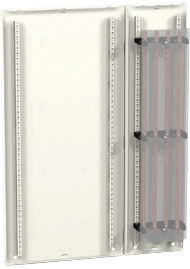
(1) The supports allow installation of a 5th busbar with 15 or 20 x 5 mm cross-section to create the earth collector.

(2) Linergy FM 200 A distribution blocks with connections ref. LVS04029 can act as intermediate supports (max. distance apart 200 mm) in addition to the support ref. LVS04191 at the top and bottom.

# Linergy BS

## Multi-stage busbars up to 630 A

PD306533\_SE

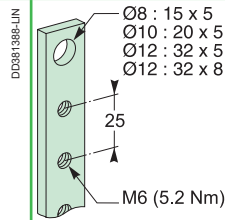


### IEC 61439-1 & 2

#### Description

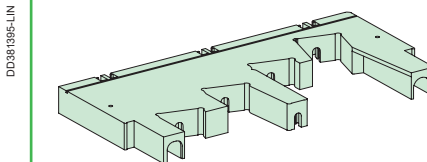
Multi-stage busbars are installed in a sheath L = 300 mm. We strongly recommend dividing the current between 2 cubicles or enclosures joined on either side. All the connection points are easily accessible from the front. The busbar orientation makes them easier to tighten and facilitates running the cables between them. The current can be 3-pole or 4-pole with ratings between 160 A and 630 A. 2 lengths are available: 1000 and 1400 mm, which can be cut as required. The number of supports depends on the installation maximum rated current.

### 160 to 630 A copper busbars



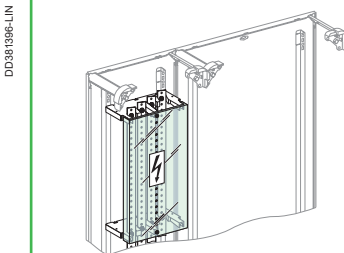
	160 A	250 A	400 A	630 A				
Rated peak withstand current (Ipk)	30 kÅ	40 kÅ	55 kÅ	55 kÅ				
Rated insulation voltage (Ui)	750 V	750 V	750 V	750 V				
Rated short-time current (Icw)	10 kA rms/1s	13 kA rms/1s	15, 20 kA rms/1s	25 kA rms/1s				
Supply at incoming terminals	Connection by: 16 to 50 mm <sup>2</sup> flexible cables with crimped lugs							
Conductor cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm	32 x 8 mm				
Installation	Flat copper busbar with threaded M6 holes every 25 mm all the way up							
Set of	4							
Length (mm)	1000	1400	1000	1400	1000	1400	1000	1400
References	LVS04161	LVS04171	LVS04162	LVS04172	LVS04163	LVS04173	Pending	LVS04174

### Insulating busbar support <sup>(1)</sup>



Support fixing centres in accordance with Icw/Ipk <sup>(2)</sup>	≤ 10 kA rms/1 s/30 kÅ	≤ 13 kA rms/1 s/40 kÅ	≤ 15 kA rms/1 s/40 kÅ	≤ 20 kA rms/1 s/45 kÅ	≤ 25 kA rms/0.6 s/55 kÅ	≤ 25 kA rms/1 s/55 kÅ
450 mm	-	450 mm	-	-	-	-
450 mm	-	450 mm	-	-	-	-
450 mm	-	450 mm	-	300 mm	300 mm	-
450 mm	-	450 mm	-	300 mm	-	300 mm
300 mm	-	-	-	-	-	-
300 mm	-	-	-	-	-	-
Installation	Installation on functional uprights in PrismaSeT. Screwed onto a solid or pre-slotted plate (450 x 200 mm fixing centres)					
References	LVS04192	LVS04192	LVS04192	LVS04192	LVS04192	LVS04192

### IPxxB insulating protective shield

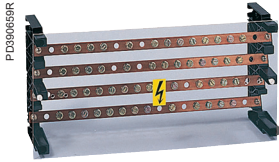


Length	250 mm	250 mm	250 mm	250 mm
Height	1500 mm	1500 mm	1500 mm	1500 mm
Composition	Fixing accessories supplied with support ref. LVS04192			
References	LVS04197	LVS04197	LVS04197	LVS04197



# Linergy BS

## Multi-stage distribution block up to 630 A



### IEC 61439-1 & 2

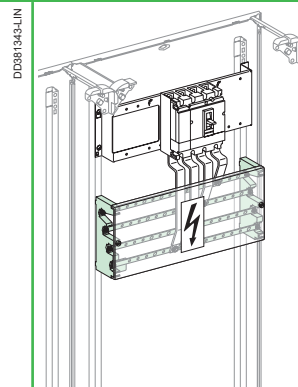
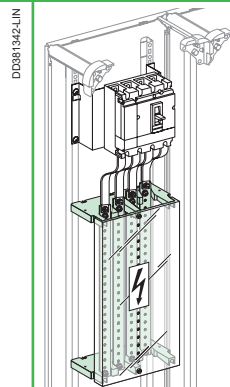
#### Description

The distribution block can be installed horizontally in the device zone or vertically in the 300 mm wide duct of enclosures and cubicles.

The distribution block is made up of:

- two staggered supports made of an insulating material
- four slanted copper bars with holes every 25 mm

### Multi-stage distribution blocks

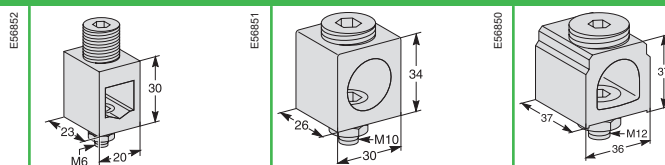


	160 A	250 A	400 A	630 A
Rated peak withstand current (I <sub>pk</sub> )	30 kA	30 kA	40 kA	40 kA
Rated insulation voltage (U <sub>i</sub> )	750 V AC			
Rated operational voltage (U <sub>e</sub> )	440 V			
Rated impulse withstand voltage (U <sub>imp</sub> )	8 kV			
Rated short-time current (I <sub>cw</sub> )	10 kA rms/1 s	13 kA rms/1 s	20 kA rms/1 s	25 kA rms/1 s
Total connection capacity	4 incomers per phase: ø 12.2 mm clearance holes 13 outgoing per phase 16 to 50 mm <sup>2</sup> : M6 tapped holes			
Busbar cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm	32 x 8 mm
Dimensions (mm)				
Installation	Screwed in horizontal position on functional uprights in enclosures and cubicles (PrismaSeT G) Screwed in vertical position on sheathed uprights (PrismaSeT G) Screwed onto a solid or pre-slotted plate (fixing centres 450 x 200 mm) Screwed onto adapter ref. <b>LVS03595</b> (PrismaSeT P)			
Composition	2 multi-stage supports made of an insulating material 4 slanted copper busbars, with holes every 25 mm 1 pack of 36 M6 x 16 screws + contact washers 1 IPxxB front insulating shield			
References	LVS04052	LVS04053	LVS04054	LVS04055

# Linergy BS

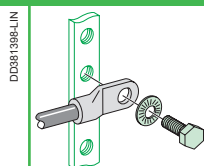
## Common accessories up to 630 A

### Incomer accessories



		Connectors for copper or aluminium cables		
Rated operational current at 40 °C (I <sub>e</sub> )		160 A	250 A	400 A
Supply at incoming terminals		70 mm <sup>2</sup> cables	16 to 185 mm <sup>2</sup> cables	70 to 300 mm <sup>2</sup> cables
Composition		Supplied with fixings at busbar end		
Set of		4		
References		LVS07051	LVS07052	LVS07053

### Outgoer accessories

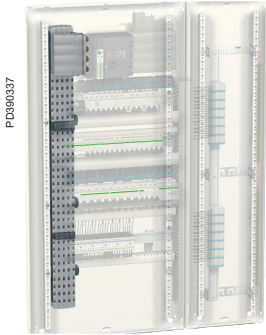


		Class 8.8 fixings	
Composition		20 M6 x 20 screws + 20 nuts + 40 contact washers	40 M6 x 16 screws + 40 contact washers
References		LVS04194	LVS04195



# Linery BW

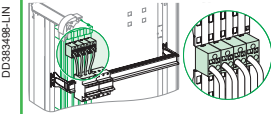
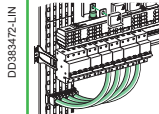
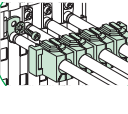
## Insulated busbars up to 630 A

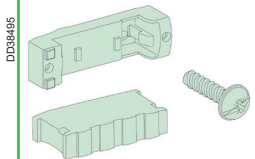
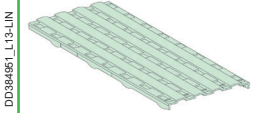


### Description

- ComPacT busbar, **IPxxB**, ready for installation (supplied complete with supports and end caps)
- Shaped busbar, threaded M6 with 25-mm pitch, can be cut with 200-mm pitch (150 mm for the 125 A)
- Busbar installed on insulating supports, screwed onto the rear uprights
- Wide selection of tested pre-wired connectors
- Clip-on covers to protect against direct contact (IPxxB). Can easily be cut to allow connections to pass through to the switchgear
- Ends protected by end caps

Linery BW busbar											
	125 A		160 A		250 A		400 A		630 A		
Rated peak withstand current (I <sub>pk</sub> )	20 kA		30 kA		30 kA		52.5 kA		52.5 kA		
Rated insulation voltage (U <sub>i</sub> )	500 V		750 V		750 V		750 V		1000 V		
Rated impulse withstand voltage (U <sub>imp</sub> )	8 kV		8 kV		8 kV		8 kV		8 kV		
Rated short-time current (I <sub>cw</sub> )	8.5 kA rms/1 s		10 kA rms/1 s		13 kA rms/1 s		20 kA rms/1 s		25 kA rms/1 s		
Length (mm)	450	750	1000	1400	1000	1400	1000	1400	1000	1400	
References	3P	LVS04103	LVS04107	LVS04111	LVS04116	LVS04112	LVS04117	LVS04113	LVS04118	LVS04114	LVS04119
	4P	LVS04104	LVS04108	LVS04121	LVS04126	LVS04122	LVS04127	LVS04123	LVS04128	LVS04124	LVS04129

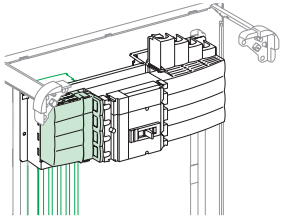
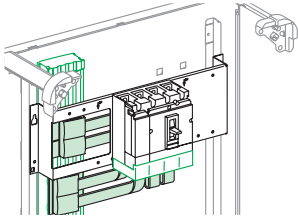
Accessories				
	<b>IPxxB tap-off terminals</b>			
	For one 6 mm <sup>2</sup> cable and one 10 mm <sup>2</sup> cable (U <sub>i</sub> ): 750 V	For one 1 to 16 mm <sup>2</sup> cable (U <sub>i</sub> ): 750 V	<b>200 A connections</b>	<b>IPxxB insulating covers</b>
				<b>Class 8.8 fixing accessories</b>
Used for connecting	<ul style="list-style-type: none"> <li>■ All switchgear equipped with enclosed terminals</li> <li>■ Linery FM 160/200 A</li> </ul>	<ul style="list-style-type: none"> <li>■ All switchgear equipped with enclosed terminals</li> <li>■ Linery FM 63/80/160/200 A</li> </ul>	<ul style="list-style-type: none"> <li>■ Linery FM 200 A</li> </ul>	Covers which can be clipped on and cut to size are used to isolate the connectors of a connection with cables of cross-section 10 to 25 mm <sup>2</sup>
Set of	12	12	4	20
References	LVS04151	LVS04152	LVS04021	LVS04150
				LVS04158

Spare parts					
	<b>Linery BW busbar supports</b>				
Rated operational current at 40° (I <sub>e</sub> )	125 A	160 A	250 A	400 A	630 A
Composition	2 busbar supports + 2 end caps + packet of fixing accessories				
References	-	LVS01210	LVS01210	LVS01210	LVS01211
	<b>IPxxB clip-on covers</b>				
Length (mm)	200				
Set of	2				
References	-	LVS01201	LVS01201	LVS01201	LVS01201

## Linergy BW


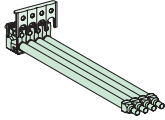
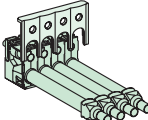
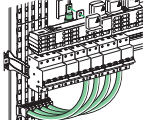
### Insulated busbars up to 630 A

#### Linergy BW busbar connections with power supply unit

								
	<b>Power supply units with connections</b>			<b>Universal power supply units + pre-wired connectors</b>			<b>Universal power supply units + connections to be made (flexible insulated busbars can be used)</b>	
Used for connecting ComPacT	<ul style="list-style-type: none"> <li>Horizontal NSX100/250 with or without Vigi</li> <li>Horizontal INS-INV250</li> </ul>	<ul style="list-style-type: none"> <li>Horizontal NSX400</li> <li>Horizontal INS-INV320/400</li> </ul>	<ul style="list-style-type: none"> <li>Horizontal NSX630</li> <li>Horizontal INS-INV500/630</li> </ul>	<ul style="list-style-type: none"> <li>Enclosed NSX100/250 with toggle switch</li> <li>Enclosed vertical INS-INV250</li> </ul>	<ul style="list-style-type: none"> <li>Sheathed NSX100/250 with or without Vigi</li> <li>Sheathed vertical INS-INV250</li> </ul>	<ul style="list-style-type: none"> <li>Sheathed NSX400/630 with or without Vigi</li> <li>Sheathed INS-INV320/630</li> </ul>	<ul style="list-style-type: none"> <li>Enclosed horizontal NSX100/250 with rotary handle or remote control</li> <li>Vertical Fupact INF100/160, Fupact ISFT100/250</li> </ul>	<ul style="list-style-type: none"> <li>Enclosed NSX400/630 with or without Vigi</li> <li>Enclosed INS-INV320/630</li> </ul>
References	LVS04060	LVS04070	LVS04071	LVS04061 + LVS04062	LVS04061 + LVS04064	LVS04074 + LVS04073	LVS04061	LVS04074



#### Pre-wired connectors

					
	<b>Connections</b>		<b>IPxxB 3/4P monobloc connection</b>	<b>IPxxB 3/4P monobloc connection</b>	<b>Connections</b>
	35 mm <sup>2</sup> ferrule + 45° angled connector	45 mm <sup>2</sup> ferrule + 45° angled connector	Quick connection on the busbar equipped with a male ferrule for enclosed terminals. Neutral identified by the colour blue.		-
Rated operational (Ie) current at 40°	125 A	160 A	160 A	160 A	200 A
Length	230 mm	250 mm	440 mm	150 mm	-
Used for connecting	<ul style="list-style-type: none"> <li>NG125, INS-INV with enclosed terminals ref. 28947 or 28948</li> </ul>	<ul style="list-style-type: none"> <li>INS-INV160, NG125, NG160</li> </ul>	<ul style="list-style-type: none"> <li>NG160 (left-hand position), Vigi NG160 (middle position)</li> <li>NG125, INS-INV160, C120, iC120</li> </ul>	<ul style="list-style-type: none"> <li>NG160 (left-hand position), NG125, INS-INV160, C120, iC120</li> </ul>	<ul style="list-style-type: none"> <li>Linergy FM 200 A</li> </ul>
Set of	4	4	1	1	4
References	LVS04145	LVS04146	LVS04148	LVS04147	LVS04021

## Linergy LGY, LGYE, BS Selection guide up to 4000 A

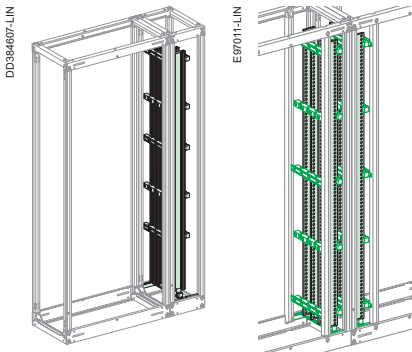
### IEC 61439-1 & 2

#### Description

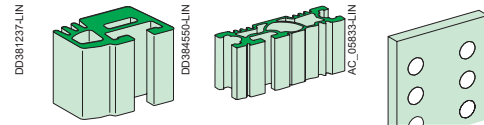
PrismaSeT P and PrismaSeT HD switchboards have a complete, coherent system for routing the electrical current:

- optimised busbars
- pre-wired connectors
- customised distribution blocks

#### Vertical busbar



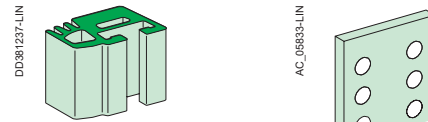
#### Lateral in sheath



	LGY profile	LGYE profile	Linergy BS flat busbars
Permissible current	Up to 3200 A	Up to 4000 A	Up to 3200 A
Material	Linergy Aluminum profile	Linergy Aluminum profile	Pre-slotted copper
Busbar	8 profile types depending on the current	9 profile types depending on the current	Th. 5 mm up to 1600 A Th. 10 mm up to 3760 A
Busbar length	1670 mm	2000 mm	1675 mm
Installation in PrismaSeT P sheath	150 mm wide 2 x 150 mm wide 300 mm wide	Up to 1600 A Up to 3200 A	Up to 2500 A Up to 3200 A
Installation in PrismaSeT HD sheath	300 mm wide	500 mm deep For 3200-4000 A	Up to 4000 A 500, 600 or 800 mm deep

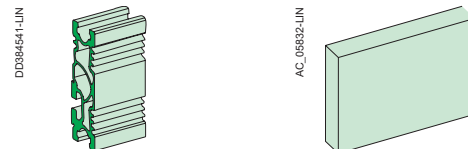
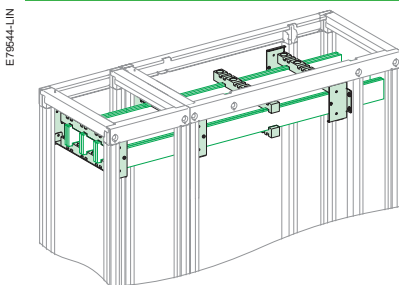


#### At the back of a cubicle



	LGY profile	Linergy BS flat busbars
Permissible current	Up to 1600 A	Up to 1600 A
Material	Linergy Aluminum profile	Pre-slotted copper
Busbar type	5 profile types depending on the current	10 mm thick up to 1600 A
Busbar length	1670 mm	1675 mm
Installation	In 650 mm wide PrismaSeT cubicle or 700 mm wide PrismaSeT HD cubicle regardless of depth	

#### Horizontal busbar



	LGYE profiles	Linergy BS flat busbars
Permissible current	Up to 4000 A	Up to 4000 A
Material	Linergy Aluminum profile	Copper solid busbars
Busbar type	9 profile types depending on the current	5 mm up to 1600 A 10 mm up to 4000 A
Busbar length	2000 mm	2000 mm
Installation	At the top or bottom of the cubicle, horizontally 400 or 600 mm deep for PrismaSeT P 500, 600 or 800 mm deep for PrismaSeT HD	

# Linery LGY

Lateral profiles up to 3200 A

Linery LGY profiles			Up to 1600 A (single busbar)					Up to 3200 A (double busbar)		
In PrismaSeT P sheath	<b>L150</b>					<b>2 x L150</b>				
In PrismaSeT HD sheath	<b>L300</b>					-				
Linery profile, 1670 mm long										
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31	630 A	800 A	1000 A	1250 A	1600 A	2 x 1000 A	2 x 1250 A	2 x 1600 A	
	IP > 31	680 A	840 A	1040 A	1290 A	1650 A	200 A	2500 A	3200 A	
Number of profiles per phase		1					2			
References		LVS04502	LVS04503	LVS04504	LVS04505	LVS04506	LVS04504	LVS04505	LVS04506	

## Busbar supports

	Characteristics	An end stop must be fitted on the bottom support: <b>LVS01109</b> (sold in lots of 12)									
	Number depending on I <sub>cw</sub> (kA rms/1 s)	≤ 25	3								2 x 3
	≤ 30	-	3								2 x 3
	≤ 40	-		3							2 x 3
	≤ 50	-			4						2 x 3
	≤ 60	-				5					2 x 4
	≤ 65	-					5				2 x 4
	≤ 75	-						7			2 x 5
	≤ 85	-							8		2 x 5
References		<b>LVS04651</b> (+ set of 2 upright adapters <b>NSYSFPA</b> for installation in PrismaSeT HD cubicle)									

## Equipotential bonding

	3 equipotential bonding items must be installed between the busbars			Connection made with a flat 80 x 10 mm busbar between 2 L150 sheaths
--	---	--	--	--

## Connections to the Linery BS horizontal busbar

	Characteristics	Fixings supplied. Order 1 connection per phase		
References according to horizontal busbar size	5 mm thick	LVS04634 (1000 A)	LVS04635 (1600 A)	-
	10 mm thick	LVS04636		2 x LVS04636
	Width ≤ 80 mm			
	Width > 80 mm	LVS04636 + LVS04642		2 x LVS04636 + 2 x LVS04642

## Accessories

Linery screw	Characteristics	Sold in lots of 20: 20 screws + 20 nuts + 20 contact washers, class 8.8. The screws slide into the profile and are then locked in the desired position.		
	References	25 mm long	LVS04766 (for lug and flexible busbar connection)	
		39 mm long	LVS04767 (for copper busbar connection)	
Steel plain washers	Characteristics	M8 sold in lots of 20		
	References	ext. ø 20 mm	LVS04772	
		ext. ø 24 mm	LVS04773	
		ext. ø 28 mm	LVS04774	
Brass plain washers	Characteristics	M8 sold in lots of 20 for connection of ≤ 25 mm <sup>2</sup> lugs to Linery		
	References	ext. ø 20 mm	LVS04775	
Identification	Characteristics	12 clip-on supports + N, L1, L2, L3, PE, PEN labels		
	References	LVS04794		



# Linergy distribution systems - Power busbars

## Linergy LGYE Aluminum profiles

### Lateral profiles up to 4000 A

Linergy LGYE Aluminum Profiles									
	Up to 4000 A								
In PrismaSeT P sheath	L150					L300			
In PrismaSeT HD sheath	L300								
Linergy profile, 2000 mm long									
	630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A
Permissible current for an ambient temperature of 35°C around the switchboard	530 A	680 A	850 A	1050 A	1480 A	1650 A	2100 A	2800 A	3620 A
Length to cut for side mounting	1675 mm							1625 mm	
Number of profiles per phase	1								
References	LVS04560	LVS04561	LVS04562	LVS04563	LVS04564	LVS04565	LVS04566	LVS04567	LVS04568

### Busbar supports

	GALOYER PB503009 LVS04662 LVS04666																
	Fixed support LVS04661      Support arm LVS04662      LVS04666																
Characteristics	3 fixed supports are compulsory to hold the busbar in position. If more than 3 supports are needed, use support arms (in addition).																
Number depending on I <sub>cw</sub> (kA rms/1 s)	<table border="1"> <tr><td>≤ 30</td><td>3</td></tr> <tr><td>≤ 40</td><td>-</td></tr> <tr><td>≤ 50</td><td>5</td></tr> <tr><td>≤ 60</td><td>5</td></tr> <tr><td>≤ 65</td><td>5</td></tr> <tr><td>≤ 75</td><td>7</td></tr> <tr><td>≤ 85</td><td>7</td></tr> <tr><td>≤ 100</td><td>9</td></tr> </table>	≤ 30	3	≤ 40	-	≤ 50	5	≤ 60	5	≤ 65	5	≤ 75	7	≤ 85	7	≤ 100	9
≤ 30	3																
≤ 40	-																
≤ 50	5																
≤ 60	5																
≤ 65	5																
≤ 75	7																
≤ 85	7																
≤ 100	9																
References	LVS04661 (fixed support) + LVS04662 (support arm if necessary)                      LVS04661 (fixed support) + LVS04671 (fixings) + LVS04662 (support arm if necessary)                      LVS04661 (fixed support) + LVS04646 (sold in lots of 12 spacers) + LVS04662 (support arm if necessary)																

### Wedging busbars in position

	DD384577-LIN Wedge fitted on bottom support	DD384576-LIN Wedge fitted on bottom support
Characteristics	The bottom support is used to place profiles and ensure they are in the correct position. It is not considered to be a busbar support.	
References	LVS04663 (bottom support) LVS04658 (pack of 12 replacement shims)	LVS04666 (bottom support) + LVS04661 (fixed support) LVS04659 (pack of 12 replacement shims)

### Connections to the Linergy Evolution LGYE horizontal busbar

	DD384575-4x16-LIN ≤ 1600 A	DD384575-LIN 2000/2500 A	LVS04607 x2 x2 x8 x8
Characteristics	Supplied with fixings. References are supplied individually: 1 connection per phase.		
References according to horizontal busbar size	LVS04604 (short connection) LVS04605 (long connection)	LVS04607	

# Linery BS

## Lateral flat copper busbars up to 3200 A

Flat copper busbars														
	Up to 1600 A				Up to 3200 A									
In PrismaSeT P sheath	L150				L150							L300	2 x L150	
In PrismaSeT HD sheath	L300 D500/600/800				L300 D500/600/800									
Pre-slotted copper, 1675 mm long														
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31		800 A	1000 A	1400 A	1800 A	1200 A	1400 A	1800 A	2050 A	2300 A	2820 A	3200 A	3200 A
	IP > 31		750 A	900 A	1250 A	1600 A	1080 A	1250 A	1600 A	1850 A	2000 A	2500 A	2820 A	2820 A
Busbar cross-section (mm)	60 x 5	80 x 5	60 x 5	80 x 5	50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100x10	80 x 10		
Number of busbars per phase	1		2		1		2							
References	LVS04516	LVS04518	LVS04516	LVS04518	LVS04525	LVS04526	LVS04528	LVS04525	LVS04526	LVS04528	pending	LVS04528		

### Busbar supports

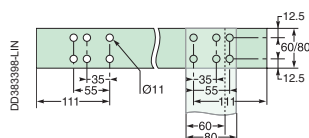
Description	Attach directly to the sheath frame. 3 fixed supports are compulsory to hold the busbar in position. If more than 3 supports are needed, use support arms (in addition). The bottom wedge support is used to place the busbar and ensure it is in the correct position. It does not count as a busbar support.				
Number of supports	≤ 15	3		3	2 x 3
depending on lcw (kArms/1 s)	≤ 25	5	3	3	2 x 3
	≤ 30	5		5	2 x 3
	≤ 40	7	5	5	2 x 3
	≤ 50		7	5	2 x 3
	≤ 60			7	2 x 5
	≤ 65			7	2 x 5
	≤ 75			9	2 x 5
	≤ 85			7	2 x 5
References of supports depending on distance between bars and sheath depth	PrismaSeT P sheath L150 mm	LVS04661 (fixed) + LVS04662 (arm) + LVS04663 (shim)			
	75 mm distance between bars	L300 mm	LVS04661 (fixed) + LVS04662 (arm) + LVS04666 + LVS04661 (shim) <sup>(1)</sup>		
	PrismaSeT HD sheath D500 mm	NSYBV500 (fixed) + LVS04662 (arm) + NSYAS500 (shim) <sup>(1)</sup>			
	L300 75 mm distance between bars	D600 mm	NSYBV600 (fixed) + LVS04662 (arm) + NSYAS600 (shim) <sup>(1)</sup>		
		D800 mm	NSYBV800 (fixed) + LVS04662 (arm) + NSYAS800 (shim) <sup>(1)</sup>		
	PrismaSeT HD sheath D800 mm	NSYBV800L (fixed) + LVS04678 (arm) + NSYAS800L (shim) <sup>(1)</sup>			

(1) If using a 100 x 10 bars, add a pack of screws ref. LVS04671 for each fixed support LVS04661 and arm support LVS04662.

### Connections to the Linery BS horizontal busbar

Characteristics	For a busbar with 75 mm distance between bars, the bars must be completely covered. Staggered assembly points between one bar and the next, to maintain the necessary clearance distances. <sup>(2)</sup>																																
	Reference of the connection piece depending on horizontal busbar size	≤ 80 mm	Pending																														
	> 80 mm	Pending																															
		<table border="1"> <thead> <tr> <th colspan="3">1 bar per phase</th> <th colspan="3">2 bars per phase</th> <th>double busbar</th> </tr> <tr> <th>50 x 10</th> <th>60 x 10</th> <th>80 x 10</th> <th>50 x 10</th> <th>60 x 10</th> <th>80 x 10</th> <th>100 x 10</th> <th>80 x 10</th> </tr> </thead> <tbody> <tr> <td>LVS04636</td> <td>LVS04637</td> <td>LVS04637</td> <td>LVS04637</td> <td>LVS04637</td> <td>LVS04637</td> <td>LVS04638</td> <td>LVS04636 x 2</td> </tr> <tr> <td>LVS04636 + LVS04642</td> <td>LVS04637 + LVS04642</td> <td>LVS04637 + LVS04642</td> <td>LVS04637 + LVS04642</td> <td>LVS04637 + LVS04642</td> <td>LVS04637 + LVS04642</td> <td>LVS04638</td> <td>LVS04636 + LVS04642 x 2</td> </tr> </tbody> </table>	1 bar per phase			2 bars per phase			double busbar	50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	80 x 10	LVS04636	LVS04637	LVS04637	LVS04637	LVS04637	LVS04637	LVS04638	LVS04636 x 2	LVS04636 + LVS04642	LVS04637 + LVS04642	LVS04637 + LVS04642	LVS04637 + LVS04642	LVS04637 + LVS04642	LVS04637 + LVS04642	LVS04638	LVS04636 + LVS04642 x 2
1 bar per phase			2 bars per phase			double busbar																											
50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	80 x 10																										
LVS04636	LVS04637	LVS04637	LVS04637	LVS04637	LVS04637	LVS04638	LVS04636 x 2																										
LVS04636 + LVS04642	LVS04637 + LVS04642	LVS04637 + LVS04642	LVS04637 + LVS04642	LVS04637 + LVS04642	LVS04637 + LVS04642	LVS04638	LVS04636 + LVS04642 x 2																										






(2) Drill hole dimensions for 5 mm thick horizontal busbars

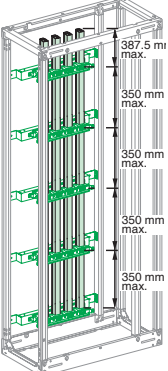
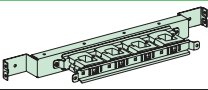
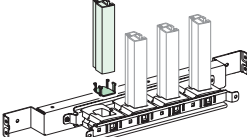


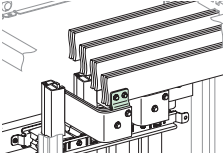
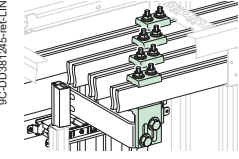
# Linergy distribution systems - Power busbars

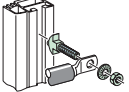
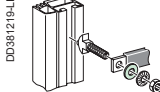

## Linergy LGY

Rear profiles up to 1600 A

Linergy LGY profiles		Up to 1600 A				
At the back of a PrismaSeT P cubicle		L650				
At the back of a PrismaSeT HD cubicle		L700				
Linergy profile, 1670 mm long						
		<b>630 A</b>	<b>800 A</b>	<b>1000 A</b>	<b>1250 A</b>	<b>1600 A</b>
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31	680 A	840 A	1040 A	1290 A	1650 A
	IP > 31	590 A	760 A	950 A	1170 A	1480 A
Number of profiles per phase		1				
References		LVS04502	LVS04503	LVS04504	LVS04505	LVS04506

Busbar supports		
		
	Number ≤ 25 depending on l <sub>cw</sub> (kA rms/1 s)	3 4 5 7
	Characteristics	
		An end stop must be fitted on the bottom support <b>LVS01109</b> (sold in lots of 12)
	References	LVS04652

Connections to the Linergy BS horizontal flat busbar	
	 
	LVS04635 connection to 5 mm thick horizontal busbar      LVS04036 connection to 10 mm thick horizontal busbar
Characteristics	Fixings supplied, order 1 connection per phase. For part of the connection, flexible insulated busbars are needed.
References according to horizontal busbar size	5 mm thick <b>LVS04635</b> 10 mm thick <b>LVS04636</b> Width ≤ 80 mm Width > 80 mm <b>LVS04636 + LVS04642</b>

Accessories	
	  
Linergy screw	Screw + nut + contact washer      Plain washer      Identification
Characteristics	Sold in lots of 20: 20 screws + 20 nuts + 20 contact washers, class 8.8 The screws slide into the profile and are then locked in the desired position
Reference	25 mm wide <b>LVS04766</b> (for lug and flexible busbar connection) 39 mm wide <b>LVS04767</b> (for copper busbar connection)
Steel plain washers	Characteristics      M8 sold in lots of 20 Reference      ext. ø 20 mm <b>LVS04772</b> ext. ø 24 mm <b>LVS04773</b> ext. ø 28 mm <b>LVS04774</b>
Brass plain washers	Characteristics      M8 sold in lots of 20 for connection of ≤ 25 mm <sup>2</sup> lugs to Linergy Reference      ext. ø 20 mm <b>LVS04775</b>
Identification	Characteristics      12 clip-on supports + N, L1, L2, L3, PE, PEN labels Reference <b>LVS04794</b>

# Linergy BS

## Rear flat busbars up to 1600 A

Flat busbars								
	Up to 1600 A							
At the back of a PrismaSeT P cubicle	L650							
At the back of a PrismaSeT HD cubicle	L700			-	L700			
Pre-slotted copper, 1670 mm long								
Permissible current for an ambient temperature of 35°C around the switchboard	IP ≤ 31	800 A	1000 A	1400 A	1800 A	1000 A	1200 A	1600 A
	IP > 31	750 A	900 A	1250 A	1600 A	1080 A	1250 A	1600 A
Busbar cross-section (mm)	60 x 5							
Number of busbars per phase	1			2		1		
References	LVS04516	LVS04518	LVS04516	LVS04518	LVS04525	LVS04526	LVS04528	

### Busbar supports

	 Fixed busbar support <b>LVS04653</b>	 Busbar support arm <b>LVS04662</b>
	<b>Characteristics</b> 3 fixed supports ref. LVS04653 are compulsory to keep the busbar vertical. If more than 3 supports are needed, use support arms ref. LVS04662 (in addition). Metal shim ref. LVS04669 (sold in lots of 100), 5 mm thick, is screwed onto the busbar. It rests on a fixed support and is used to wedge the busbar in position.	
	<b>Wedging: 1 busbar/phase</b> 	
	<b>Wedging: 2 busbars/phase</b> 	
Number depending on I <sub>cw</sub> (kA Arms/1 s)	≤ 15 ≤ 25 ≤ 30 ≤ 40 ≤ 50 ≤ 60 ≤ 65 ≤ 75 ≤ 85	3 5 5 7 7 7 7 9
References	LVS04653 (fixed) + LVS04662 (arm) + LVS04669 (shim)	

### Connections to the Linergy BS horizontal flat busbar

 LVS04635 connection to horizontal busbar 5 mm thick	 LVS04636 connection to horizontal busbar 10 mm thick
References according to horizontal busbar size	5 mm thick 10 mm thick Width ≤ 80 mm Width > 80 mm
	LVS04635 LVS04636 LVS04636 + LVS04642



# Linergy LGYE Aluminum profiles

## Horizontal profiles up to 4000 A

Linergy LGYE Aluminum Profiles										
Installation in PrismaSeT P and PrismaSeT HD	Up to 1600 A					Up to 4000 A				
Linergy profile, 2000 mm long, supplied with an end stop to wedge the profile in place	DD384538-LIN	DD381226-LIN	DD384538-LIN	DD384539-LIN	DD384540-LIN	DD384541-LIN	DD384542-LIN	DD384543-LIN	DD384544-LIN	
	<b>630 A</b>	<b>800 A</b>	<b>1000 A</b>	<b>1250 A</b>	<b>1600 A</b>	<b>2000 A</b>	<b>2500 A</b>	<b>3200 A</b>	<b>4000 A</b>	
Permissible current for an ambient temperature of 35°C around the switchboard	IP ≤ 31	630 A	800 A	1000 A	1250 A	1650 A	2000 A	2440 A	3200 A	3620
	IP > 31	530 A	680 A	850 A	1050 A	1480 A	1650 A	2100 A	2800 A	3350
Number of profiles per phase	1									
Total number of vertical modules (50 mm)	3					3			4	
<b>References</b>	<b>LVS04560</b>	<b>LVS04561</b>	<b>LVS04562</b>	<b>LVS04563</b>	<b>LVS04564</b>	<b>LVS04565</b>	<b>LVS04566</b>	<b>LVS04567</b>	<b>LVS04568</b>	

### Busbar supports

**LVS04662**      **LVS04664**

**Fixed support LVS04664**      **Free Support LVS04662**

Characteristics		2 fixed supports for 650 to 800 wide frame and 1 fixed support for 300 or 400 wide frame (2 when the busbar is at the bottom) are compulsory. If more supports are needed, add support arms if necessary.	
Busbar supports 75 mm distance between	Number of supports	≤ 15	2
	≤ 25	2	2
	depending on I <sub>cw</sub> (kA rms/1 s)	≤ 30	2
	≤ 40	-	2
	≤ 50	-	2
	≤ 60	-	2
	≤ 65	-	2
	≤ 75	-	3
	≤ 85	-	3
	≤ 100	-	3
<b>References</b>	Fixed support	<b>LVS04664</b>	<b>LVS04664 + LVS04671 (fixings)</b> + <b>LVS04666 (sold in lots of 12 spacers)</b>
<b>References</b>	Support arm	<b>LVS04662</b>	<b>LVS04662 + LVS04671 (fixings)</b> + <b>LVS04666 (sold in lots of 12 spacers)</b>

### Joining

**LVS04620**

**LVS04623**











**LVS04624**

<b>References</b>	3x <b>LVS04620</b> (3P) 4x <b>LVS04620 + LVS04624</b> (4P)	3x <b>LVS04621</b> (3P) 4x <b>LVS04621 + LVS04624</b> (4P)	3x <b>LVS04623</b> (3P) 4x <b>LVS04623 + LVS04624</b> (4P)
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**Note** Reference **LVS04624** is compulsory when installing jointed Linergy LGYE Aluminum profile 4P busbars and must be fitted where the frames meet. When installed at the bottom of a cubicle, the busbar must be partitioned.

# Linergy BS

## Horizontal flat busbars up to 4000 A

Flat busbars											
Installation in PrismaSeT P and PrismaSeT HD		Up to 1600 A				Up to 4000 A					
Solid copper busbar, 2000 mm long											
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31	800 A	1000 A	1400 A	1800 A	1800 A	2050 A	2300 A	2820 A	3300 A	3760 A
	IP > 31	750 A	900 A	1250 A	1600 A	1600 A	1850 A	2000 A	2500 A	2900 A	3340 A
Busbar cross-section (mm)		60 x 5	80 x 5	60 x 5	80 x 5	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	120 x 10
Number of busbars per phase		1	1	2	2	1	2	2	2	2	2
Total number of vertical modules (50 mm)		3									
<b>References</b>		LVS04536	LVS04538	LVS04536	LVS04538	LVS04548	LVS04545	LVS04546	LVS04548	LVS04550	LVS04552

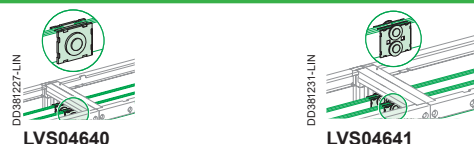
### Busbar supports



In cubicle: PrismaSeT P L650 or L650+150 or PrismaSeT HD L700/PH D500/600/800 with 75 mm distance between bars	Number of supports	≤ 15	2	2	2	2	2	2	2	2	2	
	depending on l <sub>cw</sub>	≤ 25	3	2	3	3	3	3	3	3	3	
	(kA rms/1 s)	≤ 30	3	2	3	3	3	3	3	3	3	
	≤ 40	3	2	3	3	3	3	3	3	3	3	
	≤ 50	-	3	3	3	3	3	3	3	3	3	
	≤ 60	-	-	3	3	3	3	3	3	3	3	
	≤ 75	-	-	-	3	3	3	3	3	3	3	
≤ 85	-	-	-	-	4	3	3	3	3	3	3	
<b>References</b>	Fixed support	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664 + LVS04671 (fixings)	LVS04664 + LVS04671 (fixings)	
	Free Support	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662 + LVS04671 (fixings)	LVS04662 + LVS04671 (fixings)	
In sheath: PrismaSeT P L400 with 75 mm distance between bars	Number of supports	≤ 25	1	1	1	1	1	1	1	1	1	
	depending on l <sub>cw</sub>	≤ 40	2	2	2	2	2	2	2	2	2	
	(kA rms/1 s)	≤ 50	2	2	2	2	2	2	2	2	2	
	≤ 85	-	-	-	-	-	-	-	-	-	-	
<b>References</b>	Fixed support	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664 + LVS04671 (fixings)	LVS04664 + LVS04671 (fixings)	
	Free Support	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662 + LVS04671 (fixings)	LVS04662 + LVS04671 (fixings)	
In sheath: PrismaSeT P L300 or PrismaSeT HD L300/ PH with 75 mm distance between bars	Number depending on l <sub>cw</sub>	≤ 30	1	1	1	1	1	1	1	1	1	
	(kA rms/1 s)	≤ 50	2	2	2	2	2	2	2	2	2	
	≤ 85	-	-	-	-	-	-	-	-	-	-	
	<b>References</b>	Fixed support	LVS04664 (PrismaSeT P) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800)	LVS04664 (PrismaSeT P) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800)	LVS04664 (PrismaSeT P) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800)	LVS04664 (PrismaSeT P) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800)	LVS04664 (PrismaSeT P) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800)	LVS04664 (PrismaSeT P) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800)	LVS04664 (PrismaSeT P) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800)	LVS04664 (PrismaSeT P) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800)	LVS04664 (PrismaSeT P) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800)	LVS04664 (PrismaSeT P) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800) + LVS04671 (fixings)
		Free Support	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662	LVS04662 + LVS04671 (fixings)
In PrismaSeT HD cubicle L700 with 115 mm distance between bars	Number depending on l <sub>cw</sub>	≤ 30	-	-	-	2	2	2	2	2	2	
	(kA rms/1 s)	≤ 40	-	-	-	3	3	3	3	3	3	
	≤ 60	-	-	-	-	3	3	3	3	3	3	
	≤ 75	-	-	-	-	4	4	4	4	4	4	
	≤ 85	-	-	-	-	-	4	3	3	3	3	
	<b>References</b>	Fixed support	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664 + LVS04671 (fixings)
	Free Support	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678 + LVS04671 (fixings)	
In PrismaSeT HD L300 sheath with 115 mm distance between bars	Characteristics	2 fixed supports for 700 wide frame and 1 fixed support for 300/400 wide frame are compulsory. If more supports are needed, add support arms.										
	Number depending on l <sub>cw</sub>	≤ 50	-	-	-	1	1	1	1	1	1	
	≤ 85	-	-	-	-	2	2	2	2	2	2	
	<b>References</b>	Fixed support	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664	LVS04664 + LVS04671 (fixings)
	Free Support	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678	LVS04678 + LVS04671 (fixings)	

### Joining

Sliding joints with self-breaking lock nut



<b>References (1 joint per phase)</b>	LVS04640	LVS04641	LVS04640	LVS04641	LVS04641	LVS04640	LVS04641	LVS04643
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Note: When installed at the bottom of a cubicle, the busbar must be partitioned. For more information on Partitioning, please refer PrismaSeT P Catalog, Section - H.



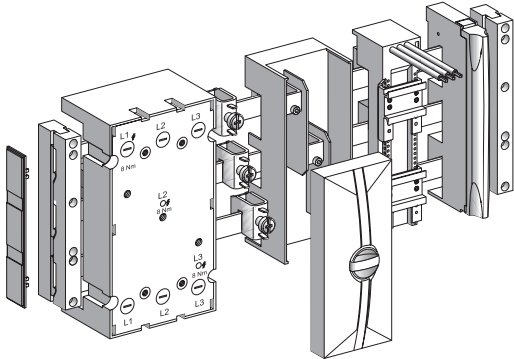


# Linergy BZ

## Quick busbar systems

IEC 60439-1 & UL845





DB403244-LIN






### Description

This mounting plate system for busbars simplifies the installation of motor feeder components used in your electrical installations. Power distribution is performed by a busbar. The mounting plates are fitted directly on this busbar, by snap-on mounting, thus implementing electrical distribution.

### IEC busbar supports and accessories

Number of poles	3		4	
				
	LA9ZX01495	LA9ZX01573	LA9ZX01485	LA9ZX01131
	For 12, 15, 20, 25, 30 x 5/10 mm <sup>2</sup> busbars	End covers for 3-pole busbar support	For 12, 15, 20, 25, 30 x 5/10 mm <sup>2</sup> busbars	End covers for 4-pole busbar support (5 left, 5 right)
Set of	10	10	10	10
References	LA9ZX01495	LA9ZX01573	LA9ZX01485	LA9ZX01131

### UL busbar supports and accessories

Number of poles	3		
			
	LA9ZX01508	PB112443	LA9ZX01573
	For 12, 20, 30 x 5/10 mm busbars	Base plate 240 x 700	End covers for busbar support
Set of	10	2	10
References	LA9ZX01508	LA9ZX01515	LA9ZX01573

# Linergy BZ

## Quick busbar systems

### Technical data

General characteristics								
LA9ZX01495 and LA9ZX01485 (IEC)								
Compatibility of bar dimensions	12 x 5 mm	15 x 5 mm	20 x 5 mm	25 x 5 mm	30 x 5 mm	12 x 10 mm	20 x 10 mm	30 x 10 mm
Rated operational current at 40° (Ie)	200 A	250	320	400	450	360	520	630
Rated peak withstand current (Ipk)	30 kA	30 kA	30 kA	30 kA	45 kA	35 kA	35 kA	53 kA
Distance max. between 2 busbars supports	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm
Degree of protection	IP20 with cover <b>LA9ZX01244</b> or <b>LA9ZX01245</b>							
Thermal resistance	125°C							
Rated current frequency	50/60 Hz							
Rated insulation voltage	690 V							
Rated operating voltage	690 V							




LA9ZX01508 (UL)								
Compatibility of bar dimensions	12 x 5 mm	20 x 5 mm	30 x 5 mm	12 x 10 mm	20 x 10 mm	30 x 10 mm		
Rated operational current at 40° (Ie)	150 A	362 A	500 A	300 A	564 A	630 A		
Irms surge current	18 kA	18 kA	22 - 25 kA	18 kA	18 kA	22 - 25 kA		
SCCR (protected by ComPacT NSX circuit breaker)	250 A 480 V AC	65 kA	-	-	65 kA	-	-	
	250 A 600 V AC	25 kA	-	-	25 kA	-	-	
	400 A 480 V AC	-	65 kA	65 kA	-	65 kA	65 kA	
	400 A 600 V AC	-	35 kA	35 kA	-	35 kA	35 kA	
	500 A 480 V AC	-	-	65 kA	-	-	65 kA	
	600 A 600 V AC	-	-	35 kA	-	-	-	
	600 A 480 V AC	-	-	50 kA	-	-	50 kA	
SCCR (protected by fuses Class J or T, etc.)	400 A 480 V AC	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA	
	500 A 480 V AC	-	-	100 kA	-	-	100 kA	
	500 A 600 V AC	-	-	100 kA	-	-	100 kA	
Max. distance between 2 busbar supports (busbar protected)	400 mm	800 mm	800 mm	400 mm	800 mm	800 mm		
Degree of protection	IP20 with cover <b>LA9ZX01244</b> or <b>LA9ZX01245</b>							
Thermal resistance	125 °C							
Rated current frequency	50/60 Hz							
Rated operating voltage	600 V							





# Linergy BZ

## Quick busbar systems

### For TeSyS Power - Motor Circuit Breaker & TeSyS Control Contactors

				
	LA9ZA32443, LA9ZA32621	LA9ZA32434, LA9ZA32442	LA9ZA32622, LA9ZA32623	
	<b>Mounting plate, 1-way</b>		<b>Mounting plate, 2-way</b>	
Operating current AC-3 440 V	25 A	32 A	25 A	32 A
For TeSyS Power – Deca Motor Circuit Breakers	GV2 ME GV2 P GV2 LE	GV2 ME GV2 P GV2 LE	GV2 ME GV2 P GV2 LE	GV2 ME GV2 P GV2 LE
For TeSyS Control – Micro Contactors For TeSyS Control – Deca Contactors	LC1 D LC1 K LP4 K06-K12	LC1 D	LC1 D LC1 K LP4 K06-K12	LC1 D
Dimensions (L x H x W) (mm)	45 x 200 x 63	45 x 200 x 63 54 x 200 x 63 63 x 200 x 63	90 x 200 x 63	90 x 200 x 63
Set of	4	4 4 4	2	2
<b>References</b>	<b>LA9ZA32621</b>	<b>LA9ZA32434</b> <b>LA9ZA32442</b> <b>LA9ZA32443</b>	<b>LA9ZA32622</b>	<b>LA9ZA32623</b>

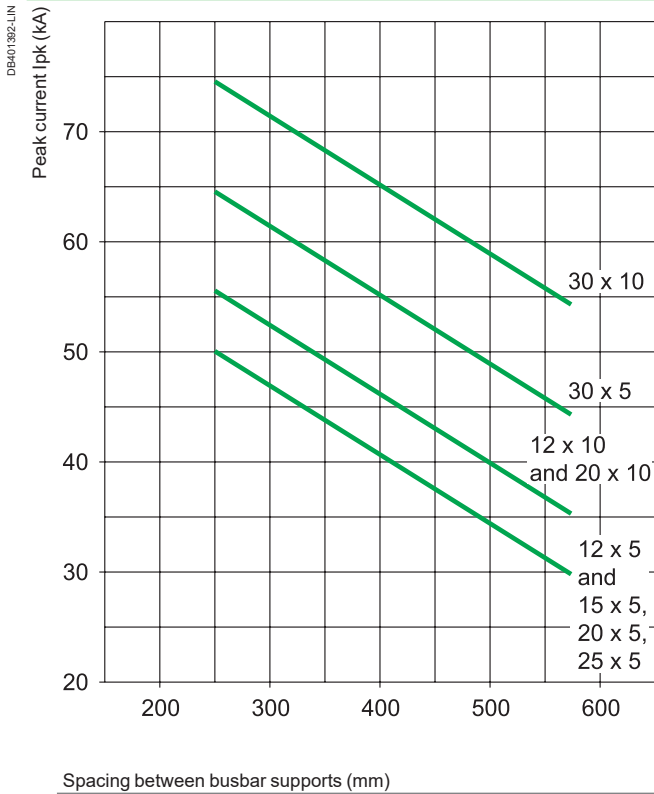
### For TeSyS Control - Ultra Motor Starter

		
	LA9ZA32427	LA9ZA32428
	<b>Mounting plate, 1-way</b>	
Operating current AC-3 440 V	32 A	
For TeSyS Control - Ultra Motor Starter	LUB12, LUB32	
Dimensions (L x H x W) (mm)	45 x 200 x 63	
Set of	4	
<b>References</b>	<b>LA9ZA32427</b>	<b>LA9ZA32428</b>

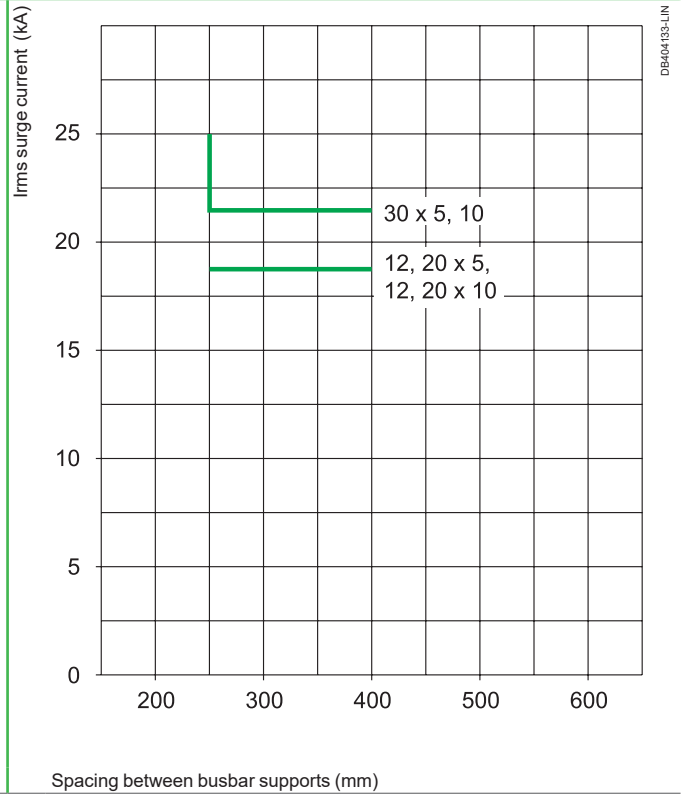
# Linergy BZ

## Quick busbar systems

**Determining the spacing between busbar supports (LA9ZX01495 and LA9ZX01485), according to IEC 60439-1<sup>(1)</sup>**



**Short-circuit withstand diagram according to UL845 (LA9ZX01508)**






(1) Depending on the short-circuit current.




# Linergy BZ

## Quick busbar systems

### For TeSys Power - Deca Motor Circuit Breaker Frame 3

			
	LA9ZA32624	LA9ZA32625	LA9ZA32626
	<b>Mounting plate, 1-way</b>		<b>Mounting plate, 2-way</b>
Operating current AC-3 440 V	63 A		25 A
For TeSys Power - Deca Circuit Breaker Frame 3	GV3 P	GV3 P	GV3 P
For TeSys Control - Deca contactors	-	LC1 D40A...65 A	LC1 D40A...65 A
Dimensions (L x H x W) (mm)	54 x 200 x 63	54 x 200 x 63	117 x 260 x 63
Set of	4	4	2
<b>References</b>	<b>LA9ZA32624</b>	<b>LA9ZA32624</b>	<b>LA9ZA32626</b>

### For TeSys Power - Giga motor circuit protectors Frame 5

		
	LA9ZA32627	
	<b>Mounting plate, 1-way</b>	
Operating current AC-3 440 V	63 A	80 A
Protection by contactor-circuit breaker	LD1, LD4 LD<	GV7
Dimensions (L x H x W) (mm)	108 x 260 x 63	104 x 190 x 63
Set of	1	1
<b>References</b>	<b>LA9ZA32627</b>	<b>LV429372</b>

### For ComPacT NSX Circuit Breakers

				
	Mounting plate for 3P ComPacT NSX circuit breakers	Mounting plate for 4P ComPacT NSX circuit breakers	Mounting plate for 3P ComPacT NSX circuit breakers	Mounting plate for 4P ComPacT NSX circuit breakers
Rated operational current at 40° (Ie)	100-250 A		400-630 A	
Dimensions (L x H x W) (mm)	104 x 190 x 63	139 x 251 x 63	139 x 270 x 63	139 x 270 x 63
Set of	1	1	1	1
<b>References</b>	<b>LV429372</b>	<b>LV429373</b>	<b>LV432623</b>	<b>LV432624</b>

# Linergy BZ

## Quick busbar systems

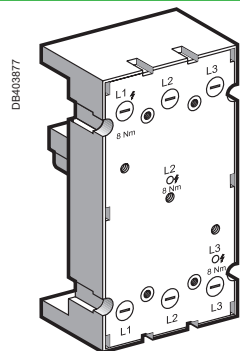
### Technical data

Characteristics of busbar mounting plates					
Type of mounting plate	LA9ZA32621 LA9ZA32622	LA9ZA32427 LA9ZA32428 LA9ZA32434 LA9ZA32623 LA9ZA32442 LA9ZA32443	LA9ZA32624 LA9ZA32625 LA9ZA32626 LA9ZA32627	LV429372 LV429373	LV432623 LV432624
Degree of protection as per IEC 60529 (IP)	20				
Rated insulation voltage	690 V				
Permissible current	25 A	32 A	63 A	80 A - 100 A - 250 A	400 A-630 A
Peak rated current	50 kA	50 kA <sup>(1)</sup>	50 kA	50 kA	50 kA
SCCR (UL) with ComPacT NSX circuit breaker protection (mm <sup>2</sup> )	The cascading reinforced breaking capacity when combining circuit breakers is maintained				
Conductor cross section (colour: black)	4 mm <sup>2</sup> 12 AWG	6 mm <sup>2</sup> 10 AWG	10 mm <sup>2</sup> 8 AWG	-	-
Type of conductor insulating material (PVC)	105°				

(1) 35 kA with TeSys LUB12 for LA9ZA32427 and LA9ZA32428.



### For 3P PowerPact circuit breakers







LA9ZA32600


	Mounting plate for H frame circuit breakers	Mounting plate for J frame circuit breakers	Mounting plate for L frame circuit breakers
Rated operational current at 40° (Ie)	60-100-150 A	250 A	250-400-600 A
Dimensions (L x H x W) (mm)	104 x 190 x 63	104 x 190 x 63	139 x 270 x 63
Set of	1	1	1
References	LA9ZA32600	LV429372	LV432623

# Linergy BZ

## Quick busbar systems

Terminals			
Number of poles	1P		
	PB112437 	PB112438 	PB112439 
	LA9ZX01285	LA9ZX01287	LA9ZX01413
	<b>For flat bars, 5 mm</b>		<b>3P cover, width 84 mm</b>
Rated operational current at 40° (Ie)	270 A	400 A	
Supply at incoming terminals	4 - 35 mm <sup>2</sup>	16 - 70 mm <sup>2</sup>	
Set of	50	25	10
References	LA9ZX01285	LA9ZX01287	LA9ZX01413

Terminals on mounting plate	
Number of poles	3P
	PB112434 
	LA9ZX01243
	<b>On mounting plate + cover, for 12 x 5 to 30 x 10 busbars</b>
Rated operational current at 40° (Ie)	440 A
Supply at incoming terminals	35 - 120 mm <sup>2</sup>
Set of	1
References	LA9ZX01243

Connection module	
Number of poles	3P
	PB112444 
	LA9ZX01563
	<b>Spring terminal connection + cover, for busbars of 12 x 5 to 30 x 10</b>
Rated operational current at 40° (Ie)	63 A
Supply at incoming terminals	1.5 - 16 mm <sup>2</sup>
Set of	8
References	LA9ZX01563



# Linergy BZ

## Quick busbar systems

### Technical data

Connection by connectors								
	LA9ZX01285		LA9ZX01287		LA9ZX01243		LA9ZX01563	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Flexible wire	4 mm <sup>2</sup>	35 mm <sup>2</sup>	16 mm <sup>2</sup>	70 mm <sup>2</sup>	35 mm <sup>2</sup>	120 mm <sup>2</sup>	1.5 mm <sup>2</sup>	16 mm <sup>2</sup>
Multi-core wire	4 mm <sup>2</sup>	35 mm <sup>2</sup>	16 mm <sup>2</sup>	70 mm <sup>2</sup>	35 mm <sup>2</sup>	120 mm <sup>2</sup>	1.5 mm <sup>2</sup>	16 mm <sup>2</sup>
Rigid wire	4 mm <sup>2</sup>	35 mm <sup>2</sup>	-	-	-	-	1.5 mm <sup>2</sup>	16 mm <sup>2</sup>
Tightening torque	... x 5 N.m Supplied without cover		... x 5 N.m Supplied without cover		... x 5-10 N.m		... x 5-10 N.m	



# Hot plug busbar system

## Contents

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Linergy HK	E - 2
Hot plug pre-assembled busbar systems	E - 2

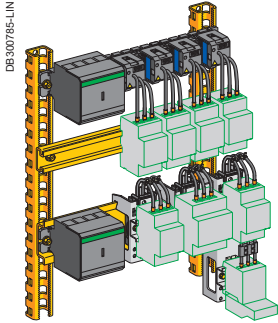
# Linergy HK

## Hot plug pre-assembled busbar systems

### IEC 60439

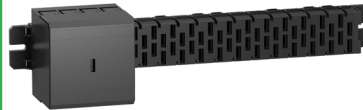
### Description

The assembly of automated control and distribution panels requires the use of products that are not only safe, but also simple and quick to mount and wire up. These pre-assembled busbar systems meet all these criteria.



### Busbar systems

PB112408



Number of conductors	4					
Number of tap-offs at 18 mm intervals	12	18	24	30	48	54
Length (mm)	344	452	560	668	992	1100
Suitable for mounting in enclosure width (mm)	600	800	800	800	1200	1200
<b>References</b>	<b>AK5JB143</b>	<b>AK5JB144</b>	<b>AK5JB145</b>	<b>AK5JB146</b>	<b>AK5 JB149</b>	<b>AK5JB1410</b>

# Lineryg HK

## Hot plug pre-assembled busbar systems

### Technical data

Busbar system characteristics						
Product certifications	UL, CSA, DNV, LROS					
Degree of protection	Against access to live parts	IPxxB conforming to IEC 60529				
Flame resistance	Conforming to IEC 60695	850°C (incandescent wire)				
	Conforming to standard UL 94	V0				
Number of conductors	AK5 JB14p	4				
Supply current	AC					
Rated operational current (Ie)	Ambient temperature 35°C	160 A				
	K coefficient to be applied according to the ambient temperature	35°C	40°C	45°C	50°C	55°C
Rated insulation voltage (Ui)	Conforming to IEC 60439-1	690 V				
	Conforming to UL and CSA	600 V				
Operational voltage (Ue)	Off-load plugging-in and unplugging, with power on					
	Conforming to IEC 60439-1	400 V				
	Conforming to UL, CSA	480 V				
	Plugging-in and unplugging, with power off					
	Conforming to IEC 60439-1	690 V				
Maximum permissible peak current	600 V					
	Conforming to UL, CSA	600 V				
Maximum let-through energy (I <sup>2</sup> t)	25 kA					
Rated operational frequency	1 x 10 <sup>7</sup> A <sup>2</sup> s					
Upstream short-circuit <sup>(1)</sup> and overload protection	50 Hz or 60 Hz					
	Type of protection	Schneider Electric circuit-breaker			Fuses	
		NSX 160 N	NSX 160 H	aM	gF	
	Rating	160 A	160 A	160 A	160 A	
	Prospective short-circuit current	36 kA	70 kA	100 kA	100 kA	
Supply incoming terminals	Operational current	160	160	160	160	
	Maximum c.s.a.			Minimum c.s.a.		
	Flexible cable with cable end	70 mm <sup>2</sup>			2.5	
	Solid cable	70 mm <sup>2</sup>			2.5	
Installation	Tightening torque	10 Nm				
	Horizontal or vertical <sup>(2)</sup>	Fixing with screws provided				

(1) For conditions where conditional short-circuit current exceeds 25 kA.




(2) Using side stop **AK5 BT01** on mounting plates **AK5 PA**.



# Linergy distribution systems - Hot plug busbar system

## Linergy HK

### Hot plug pre-assembled busbar systems



	Omega rail, width 75 mm	Removable power sockets					
							
	AM1DL201	AK5PC12	Single-phase + Neutral			AK5PC12PH	
<b>Number of poles</b>					2-phase		
Material and surface treatment	2 mm sheet steel						
Number of points used on the busbar system	1						
Rated operational current at 40° (Ie)			16 A	32 A	32 A	16 A	32 A
Length (mm)	2000 <sup>(1)</sup>	200	1000	2000	200	1000	
Depth (mm)	15						
Set of	6 <sup>(2)</sup>		6 <sup>(2)</sup>	6 <sup>(2)</sup>	6 <sup>(3)</sup>		6 <sup>(3)</sup>
<b>References</b>	<b>AM1DL201</b>	<b>AK5PC12</b>	<b>AK5PC32L</b>	<b>AK5PC32L2</b>	<b>AK5PC12PH</b>	<b>AK5PC32LPH</b>	


(1) Cut and drill to suit use. (2) Total of 6 sockets supplied: 2 sockets (N + L1), 2 sockets (N + L2), 2 sockets (N + L3).

(3) Total of 6 sockets supplied: 2 sockets (L1 + L2), 2 sockets (L1 + L3), 2 sockets (L2 + L3).

(1) Découper et percer pour adapter à l'utilisation. (2) Total de 6 prises fournies : 2 prises (N + L1), 2 prises (N + L2), 2 prises (N + L3).


(3) Total de 6 prises fournies : 2 prises (L1 + L2), 2 prises (L1 + L3), 2 prises (L2 + L3).


	Component mounting plates incorporating tap-off						
	Single plate (height 105 mm)						
							
	AK5PA211N1				AK5PA211PH12		
<b>Number of poles</b>	Single-phase + Neutral			2-phase			
No. of 18 mm points used on the busbar system	3						
Rated operational current at 40° (Ie)	25 A	25 A	25 A	25 A			25 A
Phase	Ph1+N	Ph2+N	Ph3+N	Ph1+Ph2			Ph1+Ph2
Number of 6 rails for component support	1	1	1	1			1
<b>References</b>	<b>AK5PA211N1</b>	<b>AK5PA211N2</b>	<b>AK5PA211N3</b>	<b>AK5PA211PH12</b>			<b>AK5PA211PH12</b>


	Component mounting plates incorporating tap-off						
	Double plate (height 190 mm)						
							
	AK5PA232						
<b>Number of poles</b>	Single-phase + Neutral			2-phase			
No. of 18 mm points used on the busbar system	3						
Rated operational current at 40° (Ie)	25 A	25 A	25 A	25 A	25 A	25 A	
Phase	Ph1+N	Ph2+N	Ph3+N	Ph1+Ph2	Ph1+Ph3	Ph2+Ph3	
Number of 6 rails for component support	2	2	2	2	2	2	
<b>References</b>	<b>AK5PA212N1</b>	<b>AK5PA212N2</b>	<b>AK5PA212N3</b>	-	-	-	

# Linergy HK

## Hot plug pre-assembled busbar systems

			 <small>PB112412</small>						
AK5PC13 3-phase			AK5PC14 3-phase + Neutral				3-phase + Common		
2			2				2		
16 A	32 A		16 A	32 A	32 A	16 A (10 Common)	32 A (10 Common)		
200	250	1000	200	250	1000	2000	200	250	
6	6	6	6	6	6	6	6	6	
AK5PC13	AK5PC33	AK5PC33L	AK5PC14	AK5PC34	AK5PC34L	AK5PC34L2	AK5PC131	AK5PC331	

		 <small>LAGNEAU_GM1_EN40_12_04_5009</small>		
AK5PA211PH13		AK5PA211PH23		
25 A		25 A		
Ph1+Ph3		Ph2+Ph3		
1		1		
AK5PA211PH13		AK5PA211PH23		
AK5PA231		AK5PA2311		
AK5PA231		AK5PA241		

			 <small>PB112409</small>					
AK5PA232			AK5PA232S		AK5PA532		AK5PA242	
3-phase			3-phase + Neutral		3-phase + Common		3-phase + Neutral	
3			3		3		3	
25 A			25 A		25 A		25 A	
25 A			25 A		25 A (10 Common)		25 A (10 Common)	
50 A			50 A		50 A (10 Common)		50 A (10 Common)	
-			-		-		-	
2			2		2		2	
AK5PA232			AK5PA232S		AK5PA532		AK5PA242	
AK5PA232S			AK5PA532		AK5PA2312S		AK5PA5312	
AK5PA532			AK5PA242		AK5PA2312		AK5PA542	





# Terminal blocks and bars


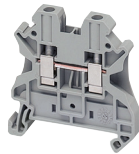

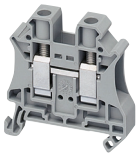
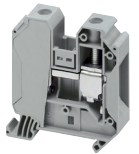



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## Linergy TR

### Selection guide: screw terminal blocks

		Passthrough				
						
Nominal c.s.a (mm²)		2.5	4	6	10 & 16	35 to 70
Number of poles	1 - 1 x 1	<b>NSYTRV22</b>	<b>NSYTRV42</b>	<b>NSYTRV62</b>	<b>NSYTRV102</b> <b>NSYTRV162</b>	<b>NSYTRV352</b> <b>NSYTRV502</b> <b>NSYTRV702</b>
	2 - 1 x 1	-	-	-	-	-
	3 - 1 x 1	-	-	-	-	-
	5 - 1 x 1	-	-	-	-	-
	10 - 1 x 1	-	-	-	-	-
	1 - 1 x 2	-	-	-	-	-
	1 - 2 x 2	-	-	-	-	-
	With LED	-	-	-	-	-
Colours	Grey	■	■	■	■	■
	Blue	<b>NSYTRV22BL</b>	<b>NSYTRV42BL</b>	<b>NSYTRV62BL</b>	<b>NSYTRV102BL</b> <b>NSYTRV162BL</b>	<b>NSYTRV352BL</b> <b>NSYTRV502BL</b> <b>NSYTRV702BL</b>
	Green/yellow (PE)	-	-	-	-	-
	Orange	<b>NSYTRV22AR</b>	<b>NSYTRV42AR</b>	-	-	-
	Red	<b>NSYTRV22RD</b>	<b>NSYTRV42RD</b>	-	-	-
	Green	-	<b>NSYTRV42GN</b>	-	-	-
	White	<b>NSYTRV22WH</b>	<b>NSYTRV42WH</b>	-	-	-
	Black	-	<b>NSYTRV42BK</b>	-	-	-
Mounting on	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages		80	81	81	81	82

PB50241070


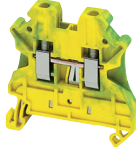
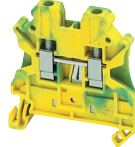
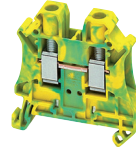
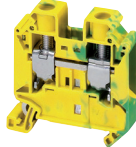


#### Snap-on PE foot

Earth terminal blocks are simply snapped onto the DIN rail to make contact. This mechanically and electrically efficient connection meets all the requirements of standard IEC 60947-7-2.

# Linery TR

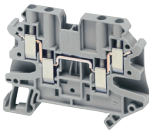
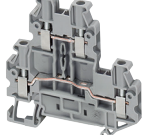
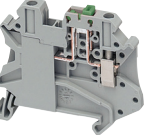
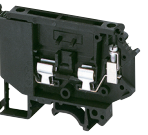
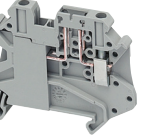



## Selection guide: screw terminal blocks

	Lug to Lug	Protective earth						
PE60220-30		PE602174		PE602176		PE602175		
	95 & 150	2.5	4	6 & 10	16 to 50			
	<b>NSYTRV1502B</b>	<b>NSYTRV22PE</b>	<b>NSYTRV42PE</b>	<b>NSYTRV62PE</b> <b>NSYTRV102PE</b>	<b>NSYTRV162PE</b> <b>NSYTRV352PE</b> <b>NSYTRV502PE</b>			
	-	-	-	-	-			
	-	-	-	-	-			
	-	-	-	-	-			
	-	-	<b>NSYTRV43PE</b>	-	-			
	-	-	<b>NSYTRV44PE</b>	-	-			
	-	-	-	-	-			
	■	-	-	-	-			
	-	-	-	-	-			
	-	■	■	■	■			■
	-	-	-	-	-			-
	-	-	-	-	-			-
	-	-	-	-	-			-
	-	-	-	-	-			-
	■	■	■	■	■			■
	■	■	■	■	■			■
	-	-	-	-	-			-
	-	-	-	-	-			-
	83	84	84	84/85	85			



## Lineryy TR

### Selection guide: screw terminal blocks

		Double deck		Disconnect		
		Multi-pole	Double deck	Blade	Fused	Removable carrier
						
Nominal c.s.a (mm²)		2.5 & 4	2.5 & 4	2.5 & 4	4 & 16	2.5 & 4
Number of poles	1 - 1 x 1	-	-	NSYTRV22SC NSYTRV22ST NSYTRV42SC NSYTRV42ST	NSYTRV42SF5 NSYTRV42SF6 NSYTRV162SF	NSYTRV22TB NSYTRV42TB
	2 - 1 x 1	-	NSYTRV24D NSYTRV44D	NSYTRV42SCD	-	-
	3 - 1 x 1	-	NSYTRV26T	-	-	-
	5 - 1 x 1	-	-	-	-	-
	10 - 1 x 1	-	-	-	-	-
	1 - 1 x 2	NSYTRV23 NSYTRV43	-	-	-	-
	1 - 2 x 2	NSYTRV24 NSYTRV44	NSYTRV26TC	-	-	-
	With LED	-	-	-	NSYTRV42SF5LD NSYTRV42SF6LD	-
Colours	Grey	■	■	■	-	■
	Blue	-	NSYTRV24DBL NSYTRV44DBL NSYTRV26TBL	■	-	-
	Green/yellow (PE)	NSYTRV23PE NSYTRV24PE NSYTRV43PE NSYTRV44PE	NSYTRV24DPE NSYTRV44DPE	-	-	-
	Orange	-	-	NSYTRV42STAR	-	-
	Red	-	-	-	-	-
	Green	-	-	-	-	-
	White	-	-	-	-	-
	Black	-	-	-	■	-
Mounting on	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages	86/87/90/91	87/88	92/93	94	93	




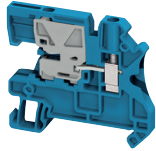
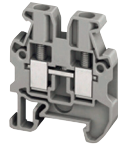

#### Flexible plug-in bridge system

The **NSYTRAL\*** plug-in bridges allow potential distribution to be implemented quickly. All terminals have two bridge shafts to make flexible chain bridging, step bridging or bridging between nonadjacent terminal blocks possible.

The reducing bridge permits simple connection of terminal blocks with different nominal cross-sections, (e.g. an **NSYTRV102** terminal connected to an **NSYTRV22** terminal. This way the power distribution terminal blocks can be quickly setup.

# Linery TR

## Selection guide: screw terminal blocks

	Measuring	For neutral conductors	Miniature	DB6		
			Passthrough	With Telequick universal foot		
PE602206		PE602221 	PE602751-20 	PE601874-18 		
	6	4 to 10	2.5 & 4	4	6	35
	NSYTRV62TTD	NSYTRV42NE NSYTRV62NE	NSYTRV22M NSYTRV42M	-	-	DB6FD01
	-	-	-	DB6CD102	DB6DD102	-
	-	-	-	-	DB6DD103	-
	-	-	-	DB6CD105	-	-
	-	-	-	DB6CD110	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	■	-	■	■	■	■
	-	■	NSYTRV22MBL NSYTRV42MBL	-	-	-
	NSYTRV62TTPE	-	NSYTRV22MPE NSYTRV42MPE	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	■	■	-	■	■	■
	■	■	-	■	■	■
	-	-	-	■	■	■
	-	-	■	-	-	-
	96/97	98	100/101	-	-	-

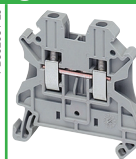


# Lineryy TR

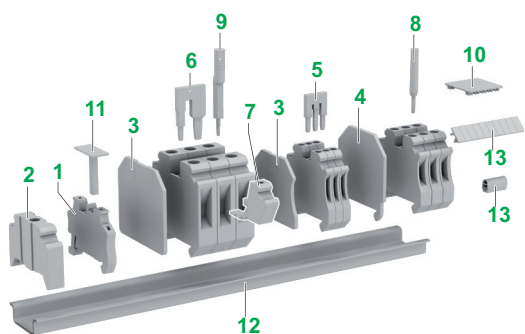
## Screw terminal blocks

### Screw terminal blocks - Passthrough

PBS02081-20



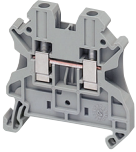
		<b>NSYTRV22</b>			
Nominal c.s.a.		2.5 mm <sup>2</sup>			
	Type of block	Passthrough			
	Type of connection	1 pole - 1 x 1			
	Colour	Grey			
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		1000 V, 32 A			
<b>Dimensions (mm)</b>					
	Length	47.7			
	Height	47.5			
	Width	5.2			
Cabling c.s.a. (mm <sup>2</sup> )		2.5			
	Flexible cable	0.14 - 4			
	Solid cable	0.14 - 4			
<b>Nominal electric values</b>					
	IEC/EN 60947-7-1	1000 V, 24 A			
	UL	600 V, 20 A, 26 - 12 AWG			
	CSA	600 V, 20 A, 26 - 12 AWG			
	ATEX	690 V, 22 A			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC			
<b>Terminal blocks</b>					
		<b>Sold in lots of</b>	<b>Unit reference</b>		
	Grey	50	NSYTRV22		
	Blue	50	NSYTRV22BL		
	Orange	50	NSYTRV22AR		
	Red	50	NSYTRV22RD		
	Green	-	-		
	White	50	NSYTRV22WH		
	Black	-	-		
	Brown	-	-		
	Yellow	-	-		
<b>Accessories</b>					
	<b>1</b> End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	
	<b>2</b> for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	
	<b>3</b> End plate	Grey	50	NSYTRAC22	
		width 2.2 mm	Blue	50	NSYTRAC22BL
	<b>4</b> Partition plate, width 2 mm	Grey	50	NSYTRAP22	
		Blue	50	NSYTRAP22BL	
	<b>5</b> Plug-in bridge	2-pole	50	NSYTRAL22	
		3-pole	50	NSYTRAL23	
		4-pole	50	NSYTRAL24	
		5-pole	50	NSYTRAL25	
		10-pole	10	NSYTRAL210	
		20-pole	10	NSYTRAL220	
	Blue	10-pole	10	NSYTRAL210BL	
	Grey	10-pole	10	NSYTRAL210GR	
	<b>6</b> Step-down bridge, down to 2.5/4 mm <sup>2</sup>	Screw to screw terminal	-	-	
		Screw to spring terminal	-	-	
		Vertical bridge	1-pole	-	
	<b>7</b> Pick-off terminal	Grey	-	-	
	<b>8</b> Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	
		Insulating sleeve, red	10	NSYTRAATP1	
	<b>9</b> Test adaptor	For plug-in bridge shaft	10	NSYTRAF1	
	<b>10</b> Warning label	Yellow	10	NSYTRACS2	
	<b>11</b> Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	
	<b>12</b> DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	
	<b>13</b> Marking accessories		See page 142		
<b>General data</b>					
	Strip length (mm)	9			
	Screw thread	M3			
	Torque (Nm)	0.5 - 0.6			





# Linery TR

## Screw terminal blocks

 <small>PB60216E-20</small>		 <small>PB602167-20</small>		 <small>PB602173-20</small>		 <small>PB60218E-20</small>	
<b>NSYTRV42</b>	4 mm <sup>2</sup>	<b>NSYTRV62</b>	6 mm <sup>2</sup>	<b>NSYTRV102</b>	10 mm <sup>2</sup>	<b>NSYTRV162</b>	16 mm <sup>2</sup>
Passthrough		Passthrough		Passthrough		Passthrough	
1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Grey		Grey		Grey	
1000 V, 41 A		1000 V, 57 A		1000 V, 76 A		1000 V, 101 A	
47.7		47.7		47.7		55.5	
47.5		47.5		47.5		55	
6.2		8.2		10.2		12.2	
4		6		10		16	
0.14 - 6		0.2 - 10		0.5 - 16		1.5 - 25	
0.14 - 6		0.2 - 10		0.5 - 16		1.5 - 25	
1000 V, 32 A		1000 V, 41 A		1000 V, 57 A		1000 V, 76 A	
600 V, 30 A, 26 - 10 AWG		600 V, 50 A, 24 - 8 AWG		600 V, 65 A, 20 - 6 AWG		600 V, 85 A, 16 - 4 AWG	
600 V, 30 A, 26 - 10 AWG		600 V, 50 A, 24 - 8 AWG		600 V, 65 A, 20 - 6 AWG		600 V, 85 A, 16 - 4 AWG	
690 V, 30 A		690 V, 40 A		690 V, 54 A		690 V, 73 A	
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL; LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	
<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
50	<b>NSYTRV42</b>	50	<b>NSYTRV62</b>	50	<b>NSYTRV102</b>	50	<b>NSYTRV162</b>
50	<b>NSYTRV42BL</b>	50	<b>NSYTRV62BL</b>	50	<b>NSYTRV102BL</b>	50	<b>NSYTRV162BL</b>
50	<b>NSYTRV42AR</b>	-	-	-	-	-	-
50	<b>NSYTRV42RD</b>	-	-	-	-	-	-
-	<b>NSYTRV42GN</b>	-	-	-	-	-	-
50	<b>NSYTRV42WH</b>	-	-	-	-	-	-
-	<b>NSYTRV42BK</b>	-	-	-	-	-	-
-	<b>NSYTRV42BR</b>	-	-	-	-	-	-
-	<b>NSYTRV42YE</b>	-	-	-	-	-	-
50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>
50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>
50	<b>NSYTRAC22</b>	50	<b>NSYTRAC22</b>	50	<b>NSYTRAC22</b>	50	<b>NSYTRAC162</b>
50	<b>NSYTRAC22BL</b>	50	<b>NSYTRAC22BL</b>	50	<b>NSYTRAC22BL</b>	-	-
50	<b>NSYTRAP22</b>	50	<b>NSYTRAP22</b>	50	<b>NSYTRAP22</b>	-	-
50	<b>NSYTRAP22BL</b>	50	<b>NSYTRAP22BL</b>	50	<b>NSYTRAP22BL</b>	-	-
50	<b>NSYTRAL42</b>	10	<b>NSYTRAL62</b>	10	<b>NSYTRAL102</b>	10	<b>NSYTRAL162</b>
50	<b>NSYTRAL43</b>	10	<b>NSYTRAL63</b>	-	-	-	-
50	<b>NSYTRAL44</b>	-	-	-	-	-	-
50	<b>NSYTRAL45</b>	10	<b>NSYTRAL65</b>	-	-	-	-
10	<b>NSYTRAL410</b>	10	<b>NSYTRAL610</b>	-	-	-	-
10	<b>NSYTRAL420</b>	-	-	-	-	-	-
10	<b>NSYTRAL410BL</b>	10	<b>NSYTRAL610BL</b>	-	-	-	-
10	<b>NSYTRAL410GR</b>	10	<b>NSYTRAL610GR</b>	-	-	-	-
-	-	10	<b>NSYTRALV62</b>	10	<b>NSYTRALV102</b>	10	<b>NSYTRALV162</b>
-	-	10	-	10	-	10	<b>NSYTRALV162</b>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	10	<b>NSYTRAPT16</b>
10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>
10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>
10	<b>NSYTRAFT</b>	10	<b>NSYTRAFT</b>	-	-	-	-
10	<b>NSYTRACS4</b>	10	<b>NSYTRACS6</b>	10	<b>NSYTRACS10</b>	10	<b>NSYTRACS16</b>
100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>
20	<b>NSYSR200BD</b>	20	<b>NSYSR200BD</b>	20	<b>NSYSR200BD</b>	20	<b>NSYSR200BD</b>
9		10		10		14	
M3		M4		M4		M5	
0.6 - 0.8		1.5 - 1.8		1.5 - 1.8		2.5 - 3	

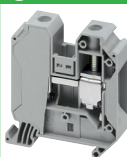
\*Screw bridge

# Lineryy TR

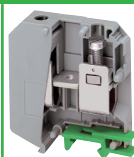
## Screw terminal blocks

### Screw terminal blocks - Passthrough

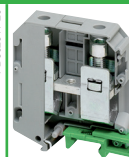
PB602190-20



PB602194-20



PB602311-20



		<b>NSYTRV352</b>	<b>NSYTRV502</b>	<b>NSYTRV702</b>			
Nominal c.s.a.		35 mm <sup>2</sup>	50 mm <sup>2</sup>	70 mm <sup>2</sup>			
	Type of block	Passthrough	Passthrough	Passthrough			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Grey	Grey	Grey			
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		1000 V, 125 A	1000 V, 150 A	1000 V, 192 A			
<b>Dimensions (mm)</b>							
	Length	60.2	70.5	70.5			
	Height	65.7	83.5	87.5			
	Width	16	20	20.3			
Cabling c.s.a. (mm <sup>2</sup> )		35	50	70			
	Flexible cable	1.5 - 50	25 - 70	25 - 70			
	Solid cable	1.5 - 50	16 - 70	16 - 95			
<b>Nominal electric values</b>							
	IEC/EN 60947-7-1	1000 V, 125 A	1000 V, 150 A	1000 V, 192 A			
	UL	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG	600 V, 192 A, 4 - 3/0 AWG			
	CSA	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG	600 V, 192 A, 4 - 3/0 AWG			
	ATEX	690 V, 126 A	690 V, 137 A	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, GL, LR, DNV, EAC			
<b>Terminal blocks</b>							
		<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
	Grey	50	<b>NSYTRV352</b>	10	<b>NSYTRV502</b>	10	<b>NSYTRV702</b>
	Blue	50	<b>NSYTRV352BL</b>	10	<b>NSYTRV502BL</b>	10	<b>NSYTRV702BL</b>
	Orange	-	-	-	-	-	-
	Red	-	-	-	-	-	-
	Green	-	-	-	-	-	-
	White	-	-	-	-	-	-
	Black	-	-	-	-	-	-
<b>Accessories</b>							
End stop	Clip-on, 5.2 mm	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>
for 35 mm DIN rail	With screw, 9.5 mm	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>
End plate,	Grey	-	Included	-	Included	-	Included
width 2.2 mm	Blue	-	-	-	-	-	-
Partition plate,	Grey	-	-	-	-	-	-
width 2 mm	Blue	-	-	-	-	-	-
Plug-in bridge	2-pole	10	<b>NSYTRAL352</b>	10	<b>NSYTRAL502 *</b>	-	-
Red	3-pole	-	-	10	<b>NSYTRAL503 *</b>	-	-
	4-pole	-	-	-	-	-	-
	5-pole	-	-	-	-	-	-
	10-pole	-	-	-	-	-	-
	20-pole	-	-	-	-	-	-
Blue	10-pole	-	-	-	-	-	-
Grey	10-pole	-	-	-	-	-	-
Screw bridge	2-pole	-	-	-	-	10	<b>NSYTRAL702</b>
Step-down bridge,	Screw to screw terminal	10	<b>NSYTRALV352</b>	-	-	-	-
down to 2.5/4 mm <sup>2</sup>	Screw to spring terminal	10	<b>NSYTRALVR352</b>	-	-	-	-
Vertical bridge	1-pole	-	-	-	-	-	-
Pick-off terminal	Grey	10	-	-	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>
	Insulating sleeve, red	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>
Test adaptor	For plug-in bridge shaft	-	-	-	-	-	-
Warning label	Yellow	10	<b>NSYTRACS35</b>	-	-	-	-
Marker tag holder	For ●AB35 end stop	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	<b>NSYSDR200BD</b>	20	<b>NSYSDR200BD</b>	20	<b>NSYSDR200BD</b>
Marking accessories		See page 142					
<b>General data</b>							
	Strip length (mm)	18	24	24			
	Screw thread	M6	M6	M8			
	Torque (Nm)	3.2 - 3.7	6 - 8	08 - 10			

\*Screw bridge

# Lineryy TR

## Screw terminal blocks

### Screw terminal blocks - High current

PB602200-30



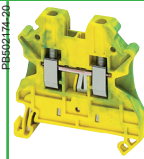
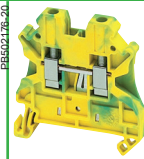
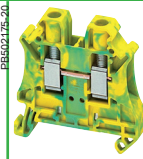

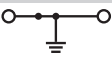

		<b>NSYTRV1502B</b>	
Nominal c.s.a.		150 mm <sup>2</sup>	
	Type of block	Passthrough - lug to lug	
	Type of connection	1 pole - 1 x 1	
	Color	Grey	
Max. electric values		1500 V, 309 A	
<b>Dimensions (mm)</b>			
	Length	235	
	Height	84	
	Width	41	
Cabling c.s.a. (mm <sup>2</sup> )		6 mm <sup>2</sup> to 150 mm <sup>2</sup>	
	Flexible cable	6 mm <sup>2</sup> to 150 mm <sup>2</sup>	
	Solid cable	6 mm <sup>2</sup> to 150 mm <sup>2</sup>	
<b>Nominal electric values</b>			
	IEC/EN 60947-7-1	1500 V, 309 A	
	UL	600 V, 310 A, 10 - 350 AWG/kcmil	
	CSA	600 V, 310 A, 10 - 350 AWG/kcmil	
	ATEX	1100 V, 309 A, 6 - 150 AWG/kcmil	
Certifications		UL, CSA	
<b>Terminal blocks</b>			
		<b>Sold in lots of</b>	<b>Unit reference</b>
	Grey	10	NSYTRV1502B
	Blue	-	-
<b>Accessories</b>			
End stop	Clip-on, 5.2 mm	50	<b>NSYTRAAB35</b>
for 35 mm DIN rail	With screw, 9.5 mm	50	<b>NSYTRAABV35</b>
End plate	Grey	-	-
Partition plate	Grey	10	<b>NSYTRAC952</b>
Screw bridge	2-pole	10	-
	3-pole	-	-
Test plug	Metalic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>
	Insulating sleeve, red	10	<b>NSYTRAATP1</b>
Test adaptor	For plug-in bridge shaft	-	-
Cover	Grey	10	-
Marker tag holder	For ●AB35 end stop	100	<b>NSYTRASB4</b>
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	<b>NSYSDR200BD</b>
Marking accessories		See page 154	
<b>General data</b>			
	Strip length (mm)	The stripping length depends on the specification provided by the cable lug manufacturer.	
	Screw thread	M10	
	Torque (Nm)	10-20	



# Linergy TR

## Screw terminal blocks

### Screw terminal blocks - Protective earth

							
		<b>NSYTRV22PE</b>	<b>NSYTRV42PE</b>	<b>NSYTRV62PE</b>			
Nominal c.s.a.		2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values		-	-	-			
<b>Dimensions (mm)</b>							
	Length	47.7	47.7	47.7			
	Height	47.5	47.5	47.5			
	Width	5.2	6.2	8.2			
Cabling c.s.a. (mm <sup>2</sup> )		2.5	4	6			
	Flexible cable	0.14 - 4	0.14 - 6	0.2 - 10			
	Solid cable	0.14 - 4	0.14 - 6	0.2 - 10			
<b>Nominal electric values</b>							
	IEC/EN 60947-7-1	-	-	-			
	UL	26 - 12 AWG	26 - 10 AWG	24 - 8 AWG			
	CSA	26 - 12 AWG	26 - 10 AWG	24 - 8 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR; DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC			
<b>Terminal blocks</b>							
	Green/Yellow	<b>Sold in lots of</b> 50	<b>Unit reference</b> NSYTRV22PE	<b>Sold in lots of</b> 50	<b>Unit reference</b> NSYTRV42PE	<b>Sold in lots of</b> 50	<b>Unit reference</b> NSYTRV62PE
<b>Accessories</b>							
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC22
	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL	50	NSYTRAC22BL
Partition plate, width 2 mm	Grey	50	NSYTRAP22	50	NSYTRAP22	50	NSYTRAP22
	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL	50	NSYTRAP22BL
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL42	10	NSYTRAL62
	3-pole	50	NSYTRAL23	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL24	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL25	50	NSYTRAL45	10	NSYTRAL65
	10-pole	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL220	10	NSYTRAL420	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS6
Marker tag holder	For  AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 142					
<b>General data</b>							
	Strip length (mm)	9	9	10			
	Screw thread	M3	M3	M4			
	Torque (Nm)	0.5 - 0.6	0.6 - 0.8	1.5 - 1.8			

# Linery TR

## Screw terminal blocks

PB602106-20		PB602106-20		PB602177-20		PB602106-20	
							
<b>NSYTRV102PE</b>		<b>NSYTRV162PE</b>		<b>NSYTRV352PE</b>		<b>NSYTRV502PE</b>	
10 mm <sup>2</sup>		16 mm <sup>2</sup>		35 mm <sup>2</sup>		50 mm <sup>2</sup>	
Protective earth		Protective earth		Protective earth		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1	
Green/Yellow		Green/Yellow		Green/Yellow		Green/Yellow	
-		-		-		-	
47.7		55		65.7		70.5	
47.5		55.5		60.2		83.5	
10.2		12.2		16		20	
10		16		35		50	
0.5 - 16		1.5 - 25		1.5 - 35		25 - 70	
0.5 - 16		1.5 - 25		1.5 - 35		16 - 70	
76 A		101 A		125 A		150 A	
20 - 6 AWG		16 - 4 AWG		14 - 1/0 AWG		6 - 1/0 AWG	
20 - 6 AWG		16 - 4 AWG		14 - 1/0 AWG		6 - 1/0 AWG	
-		-		-		-	
UL, CSA, VDE, ATEX, IECEX, GL, LR; DNV, EAC		UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEX, GL, EAC		UL, CSA, ATEX, IECEX, GL, LR, DNV, EAC	
<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
50	NSYTRV102PE	50	NSYTRV162PE	50	NSYTRV352PE	50	NSYTRV502PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC22	50	NSYTRAC162	-	Included	-	Included
50	NSYTRAC22BL	-	-	-	-	-	-
50	NSYTRAP22	-	-	-	-	-	-
50	NSYTRAP22BL	-	-	-	-	-	-
10	NSYTRAL102	10	NSYTRAL162	10	NSYTRAL352	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
-	-	-	-	-	-	-	-
10	NSYTRACS10	10	NSYTRACS16	10	NSYTRACS35	-	-
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD
10		14		18		24	
M4		M5		M6		M6	
1.5 - 1.8		2.5 - 3		3.2 - 3.7		6 - 8	

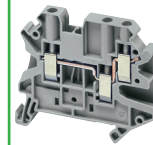


# Lineryy TR

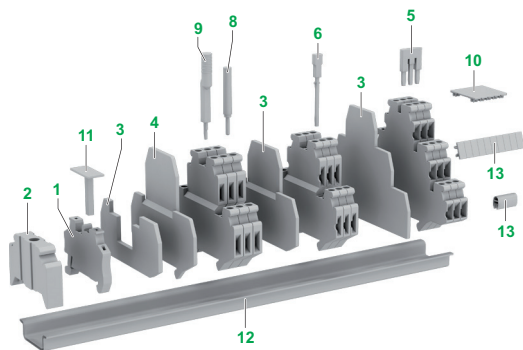
## Screw terminal blocks

### Screw terminal blocks - Double deck passthrough

PB602181-20

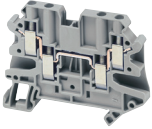
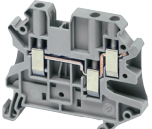
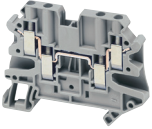
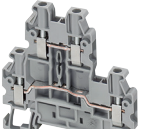


		<b>NSYTRV23</b>		
Nominal c.s.a.		2.5 mm <sup>2</sup>		
	Type of block	Passthrough - Multi-pole		
	Type of connection	1 pole - 1 x 2		
	Colour	Grey		
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		500 V, 30 A		
<b>Dimensions (mm)</b>				
Length		57.8		
Height		47.5		
Width		5.2		
Cabling c.s.a. (mm <sup>2</sup> )		2.5		
Flexible cable		0.14 - 4		
Solid cable		0.14 - 4		
<b>Nominal electric values</b>				
IEC/EN 60947-7-1		500 V, 24 A		
UL		150 V, 20 A, 26 - 12 AWG		
CSA		150 V, 20 A, 26 - 12 AWG		
ATEX		352 V, 21 A		
Certifications		UL, CSA, ATEX, IECEx, EAC		
<b>Terminal blocks</b>				
		<b>Sold in lots of</b>	<b>Unit reference</b>	
Grey		50	<b>NSYTRV23</b>	
Blue		50	-	
<b>Accessories</b>				
1	End stop	Clip-on, 5.2 mm	50	<b>NSYTRAAB35</b>
2	for 35 mm DIN rail	With screw, 9.5 mm	50	<b>NSYTRAABV35</b>
3	End plate,	Grey	50	<b>NSYTRAC23</b>
3	width 2.2 mm	Grey, partial plate	-	-
4	Partition plate,	Grey	50	<b>NSYTRAP23</b>
	width 2 mm	Blue	-	-
5	Plug-in bridge	2-pole	50	<b>NSYTRAL22</b>
		3-pole	50	<b>NSYTRAL23</b>
		4-pole	50	<b>NSYTRAL24</b>
		5-pole	50	<b>NSYTRAL25</b>
		10-pole	10	<b>NSYTRAL210</b>
		20-pole	10	<b>NSYTRAL220</b>
6	Vertical bridge	1-pole	-	-
8	Test plug	Metallic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>
		Insulating sleeve, red	10	<b>NSYTRAATP1</b>
9	Test adaptor	For plug-in bridge shaft	10	<b>NSYTRAPT</b>
10	Warning label	Yellow	10	<b>NSYTRACS2</b>
11	Marker tag holder	For ●AB35 end stop	100	<b>NSYTRASB4</b>
12	DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	<b>NSYSDR200BD</b>
13	Marking accessories		See page 142	
<b>General data</b>				
Strip length (mm)		9		
Screw thread		M3		
Torque (Nm)		0.5 - 0.6		



# Linergy TR

## Screw terminal blocks

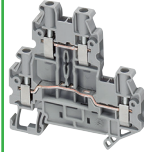
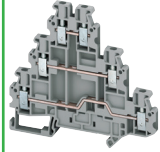
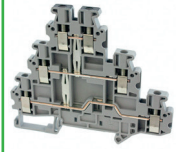

PB52183-20		PB52181-20		PB52183-20		PB52187-20	
							
<b>NSYTRV24</b>		<b>NSYTRV43</b>		<b>NSYTRV44</b>		<b>NSYTRV24D</b>	
2.5 mm <sup>2</sup>		4 mm <sup>2</sup>		4 mm <sup>2</sup>		2.5 mm <sup>2</sup>	
Passthrough - Multi-pole		Passthrough - Multi-pole		Passthrough - Multi-pole		Passthrough - Double deck	
1 pole - 2 x 2		1 pole - 1 x 2		1 pole - 2 x 2		2 pole - 1 x 1	
Grey		Grey		Grey		Grey	
500 V, 30 A		500 V, 41 A		500 V, 39 A		500 V, 28 A	
65.4		57.8		65.4		69.9	
47.5		47.5		47.5		65	
5.2		6.2		6.2		5.2	
2.5		4		4		2.5	
0.14 - 4		0.14 - 6		0.14 - 6		0.14 - 4	
0.14 - 4		0.14 - 6		0.14 - 6		0.14 - 4	
500 V, 24 A		500 V, 32 A		500 V, 32 A		500 V, 24 A	
150 V, 20 A, 26 - 12 AWG		150 V, 30 A, 26 - 10 AWG		150 V, 30 A, 26 - 10 AWG		600 V, 20 A, 26 - 12 AWG	
150 V, 20 A, 26 - 12 AWG		150 V, 30 A, 26 - 10 AWG		150 V, 30 A, 26 - 10 AWG		600 V, 20 A, 26 - 12 AWG	
352 V, 21 A		352 V, 29 A		352 V, 29 A		352 V, 20 A	
UL, CSA, ATEX, IECEx, EAC		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV24	50	NSYTRV43	50	NSYTRV44	50	NSYTRV24D
50	NSYTRV24BL	50	NSYTRV43BL	50	NSYTRV44BL	50	NSYTRV24DBL
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC24	50	NSYTRAC23	50	NSYTRAC24	50	NSYTRACE24
-	-	-	-	-	-	50	NSYTRACEP24
50	NSYTRAP24	50	NSYTRAP23	50	NSYTRAP24	50	NSYTRAPE24
-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL22
50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL23
50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL24
50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL25
10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL210
10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL220
-	-	-	-	-	-	50	NSYTRALV24
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS4	10	NSYTRACS2
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD
9		9		9		9	
M3		M3		M3		M3	
0.5 - 0.6		0.6 - 0.8		0.6 - 0.8		0.5 - 0.6	





# Linery TR

## Screw terminal blocks

Screw terminal blocks - Double deck passthrough						
						
		<b>NSYTRV44D</b>	<b>NSYTRV26T</b>	<b>NSYTRV26TC</b>		
Nominal c.s.a.		4 mm <sup>2</sup>	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>		
	Type of block	Passthrough - Double deck	Passthrough - Triple deck	Passthrough - 3 Levels		
	Type of connection	2 pole - 1 x 1	3 pole - 1 x 1	1 pole - 3 x 3		
	Colour	Grey	Grey	Grey		
Max. electric values (Umax, Imax)		800 V, 36 A	500 V, 24 A	500 V, 24 A		
<b>Dimensions (mm)</b>						
	Length	69.9	90	90		
	Height	65	77.5	77.5		
	Width	6.2	5.2	5.2		
Cabling c.s.a. (mm <sup>2</sup> )		4	2.5	2.5		
	Flexible cable	0.14 - 6	0.14 - 4	0.14 - 4		
	Solid cable	0.14 - 6	0.14 - 4	0.14 - 4		
<b>Nominal electric values</b>						
	IEC/EN 60947-7-1	800 V, 30 A	500 V, 20 A	500 V, 20 A		
	UL	600 V, 30 A, 26 - 10 AWG	600 V, 20 A, 26 - 12 AWG	600 V, 20 A, 26 - 12 AWG		
	CSA	600 V, 30 A, 26 - 10 AWG	600 V, 20 A, 26 - 12 AWG	-		
	ATEX 	440 V, 25.5 A	-	-		
Certifications		UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, EAC	UL, EAC		
<b>Terminal blocks</b>						
		<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>
	Grey	50	<b>NSYTRV44D</b>	50	<b>NSYTRV26T</b>	50
	Blue	50	<b>NSYTRV44DBL</b>	50	<b>NSYTRV26TBL</b>	-
						<b>NSYTRV26TC*</b>
<b>Accessories</b>						
End stop	Clip-on, 5.2 mm	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>	50
for 35 mm DIN rail	With screw, 9.5 mm	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>	50
End plate,	Grey	50	<b>NSYTRACE24</b>	50	<b>NSYTRACE26</b>	50
width 2.2 mm	Grey, partial plate	50	<b>NSYTRACEP24</b>	-	-	-
Partition plate,	Grey	50	<b>NSYTRAPE24</b>	-	-	-
width 2 mm	Blue	-	-	-	-	-
Plug-in bridge	2-pole	50	<b>NSYTRAL42</b>	50	<b>NSYTRAL22</b>	50
Red	3-pole	50	<b>NSYTRAL43</b>	50	<b>NSYTRAL23</b>	50
	4-pole	50	<b>NSYTRAL44</b>	50	<b>NSYTRAL24</b>	50
	5-pole	50	<b>NSYTRAL45</b>	50	<b>NSYTRAL25</b>	50
	10-pole	10	<b>NSYTRAL410</b>	10	<b>NSYTRAL210</b>	10
	20-pole	10	<b>NSYTRAL420</b>	10	<b>NSYTRAL220</b>	10
Vertical bridge	1-pole	50	<b>NSYTRALV24</b>	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>	10
	Insulating sleeve, red	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>	10
Test adaptor	For plug-in bridge shaft	10	<b>NSYTRAF1</b>	10	<b>NSYTRAF1</b>	10
Warning label	Yellow	10	<b>NSYTRACS4</b>	10	<b>NSYTRACS2</b>	10
Marker tag holder	For ●AB35 end stop	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	<b>NSYSDR200BD</b>	20	<b>NSYSDR200BD</b>	20
Marking accessories		See page 142				
<b>General data</b>						
	Strip length (mm)	9		9		9
	Screw thread	M3		M3		M3
	Torque (Nm)	0.6 - 0.8		0.5 - 0.6		0.5 - 0.6

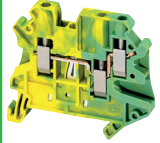
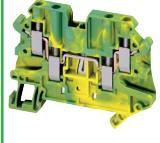
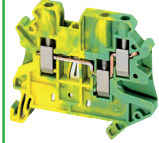

\* The 3 levels are connected.



# Linery TR

## Screw terminal blocks

### Screw terminal blocks - Double deck protective earth

							
		<b>NSYTRV23PE</b>	<b>NSYTRV24PE</b>	<b>NSYTRV43PE</b>			
Nominal c.s.a.		2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>			
	Type of block	Protective earth - Multi-pole	Protective earth - Multi-pole	Protective earth - Multi-pole			
	Type of connection	1 pole - 1 x 2	1 pole - 2 x 2	1 pole - 1 x 2			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values		-	-	-			
<b>Dimensions (mm)</b>							
	Length	57.8	65.4	57.8			
	Height	47.5	47.5	47.5			
	Width	5.2	5.2	6.2			
Cabling c.s.a. (mm <sup>2</sup> )		2.5	2.5	4			
	Flexible cable	0.14 - 4	0.14 - 4	0.14 - 6			
	Solid cable	0.14 - 4	0.14 - 4	0.14 - 6			
<b>Nominal electric values</b>							
	IEC/EN 60947-7-1	-	-	-			
	UL	26 - 12 AWG	26 - 12 AWG	26 - 10 AWG			
	CSA	26 - 12 AWG	26 - 12 AWG	26 - 10 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, ATEX, IECEx, EAC	UL, CSA, ATEX, IECEx, EAC	UL, CSA, ATEX, IECEx, GL, LR, DNV, EAC			
<b>Terminal blocks</b>							
		<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
	Green/Yellow	50	NSYTRV23PE	50	NSYTRV24PE	50	NSYTRV43PE
<b>Accessories</b>							
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRAC23	50	NSYTRAC24	50	NSYTRAC23
	Grey, partial plate	-	-	-	-	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAP23	50	NSYTRAP24	50	NSYTRAP23
	Blue	-	-	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL42
	3-pole	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL43
	4-pole	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL44
	5-pole	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL45
	10-pole	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL410
Test plug	20-pole	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL420
	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2	10	NSYTRACS2	100	NSYTRACS4
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	20	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 142					
<b>General data</b>							
	Strip length (mm)	9		9		9	
	Screw thread	M3		M3		M3	
	Torque (Nm)	0.5 - 0.6		0.5 - 0.6		0.6 - 0.8	

# Linery TR

## Screw terminal blocks

PE602184-20		PE602192-20		PE602191-20		PE602768-22	
							
<b>NSYTRV44PE</b>		<b>NSYTRV24DPE</b>		<b>NSYTRV44DPE</b>		<b>NSYTRV26TPE</b>	
4 mm <sup>2</sup>		2.5 mm <sup>2</sup>		4 mm <sup>2</sup>		2,5 mm <sup>2</sup>	
Protective earth - Multi-pole		Protective earth - Double deck		Protective earth - Double deck		Protective earth - 3 Levels	
1 pole - 2 x 2		1 pole - 2 x 2		1 pole - 2 x 2		1 pole - 3 x 3	
Green/Yellow		Green/Yellow		Green/Yellow		Green/Yellow	
-		-		-		-	
65.4		69.9		69.9		90	
47.5		65		65		77.5	
6.2		5.2		6.2		5.2	
4		2.5		4		2.5	
0.14 - 6		0.14 - 4		0.14 - 6		0.14 - 4	
0.14 - 6		0.14 - 4		0.14 - 6		0.14 - 4	
-		-		-		-	
26 - 10 AWG		26 - 12 AWG		26 - 10 AWG		26 - 12 AWG	
26 - 10 AWG		26 - 12 AWG		26 - 10 AWG		26 - 12 AWG	
-		-		-		-	
UL, CSA, ATEX, IECEX, GL, LR, DNV, EAC		UL, CSA, ATEX, IECEX, GL, LR, DNV, EAC		UL, CSA, ATEX, IECEX, GL, LR, DNV, EAC		UL, CSA, EAC	
<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
50	NSYTRV44PE	50	NSYTRV24DPE	50	NSYTRV44DPE	50	NSYTRV26TPE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC24	50	NSYTRACE24	50	NSYTRACE24	50	NSYTRACE26
-	-	50	NSYTRACEP24	50	NSYTRACEP24	-	-
50	NSYTRAP24	50	NSYTRAPE24	50	NSYTRAPE24	-	-
-	-	-	-	-	-	-	-
50	NSYTRAL42	50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL22
50	NSYTRAL43	50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL23
50	NSYTRAL44	50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL24
50	NSYTRAL45	50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL25
10	NSYTRAL410	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL210
10	NSYTRAL420	10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL220
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
100	NSYTRACS4	100	NSYTRACS2	100	NSYTRACS4	10	NSYTRACS2
20	NSYTRASB4	20	NSYTRASB4	20	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
9		9		9		9	
M3		M3		M3		M3	
0.6 - 0.8		0.5 - 0.6		0.6 - 0.8		0.5 - 0.6	

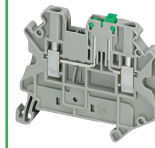


# Lineryy TR

## Screw terminal blocks

### Screw terminal blocks - Disconnect

P850296020



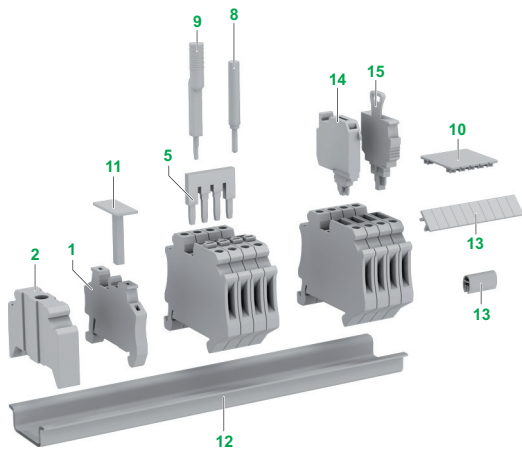
		<b>NSYTRV22SC</b>
Nominal c.s.a.		2.5 mm <sup>2</sup>
	Type of block	Disconnect (blade)
	Type of connection	1 pole - 1 x 1
	Color	Grey
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		400 V, 20 A
<b>Dimensions (mm)</b>		
	Length	57.8
	Height	49.1
	Width	5.2
Cabling c.s.a. (mm <sup>2</sup> )		2.5
	Flexible cable	0.14 - 4
	Solid cable	0.14 - 4
<b>Nominal electric values</b>		
	IEC/EN 60947-7-1	400 V, 20 A
	UL	300 V, 16 A, 26 - 12 AWG
	CSA	300 V, 16 A, 26 - 12 AWG
	ATEX	-
Certifications		UL, CSA, EAC

Terminal blocks		Sold in lots of	Unit reference
	Grey	50	NSYTRV22SC
	Grey, with test points	50	NSYTRV22ST
	Orange, with test points	-	-

Accessories				
1	End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
2	for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
3	End plate, width 2.2 mm	Grey	50	NSYTRAC23
		Grey, partial plate	-	-
4	Partition plate, width 2 mm	Grey	50	NSYTRAP23
		Blue	-	-
5	Plug-in bridge	2-pole	50	NSYTRAL22
	Red	3-pole	50	NSYTRAL23
		4-pole	50	NSYTRAL24
		5-pole	50	NSYTRAL25
		10-pole	10	NSYTRAL210
		20-pole	10	NSYTRAL220
	Vertical bridge	1-pole	-	-
14	Removable carrier width 6.1 mm 6 A max	For fuse 5 x 20 mm	-	-
		For fuse 5 x 20 mm 110 - 250 V LED	-	-
		For fuse 5 x 20 mm 12 - 30 V LED	-	-
15	Removable carrier width 5.1 mm 6 A max	For component	-	-
		With 1N4007 diode	-	-
8	Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
		Insulating sleeve, red	10	NSYTRAATP1
9	Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
10	Warning label	Yellow	10	NSYTRACS4
11	Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
12	DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
13	Marking accessories		See page 142	

General data	
Strip length (mm)	9
Screw thread	M3
Torque (Nm)	0.5 - 0.6

\* Disconnect knife on each level.



# Linery TR

## Screw terminal blocks

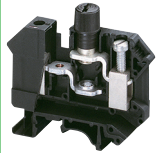
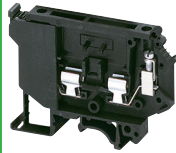
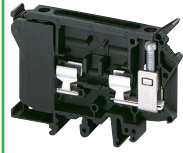

PB502181-20		PB502179-20		PB502178-20		PB502193-20		PB502266-21	
<b>NSYTRV22TB</b>		<b>NSYTRV42SC</b>		<b>NSYTRV42TB</b>		<b>NSYTRV42SCD</b>		<b>NSYTRV24SCD</b>	
2.5 mm <sup>2</sup>		4 mm <sup>2</sup>		4 mm <sup>2</sup>		4 mm <sup>2</sup>		2.5 mm <sup>2</sup>	
Disconnect (for carrier)		Disconnect (blade)		Disconnect (for carrier)		Disconnect - Double deck		Disconnect - Double deck	
1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1		2 pole - 1 x 1		2 pole - 1 x 1	
Grey		Grey		Grey		Grey		Grey	
400 V, 20 A		500 V, 20 A		400 V, 20 A		500 V, 38 A		500 V, 38 A	
57.8		57.8		57.8		69.9		69.9	
47.5		49.1		47.5		65		65	
5.2		6.2		6.2		6.2		5.2	
2.5		4		4		4		2.5	
0.14 - 4		0.14 - 6		0.14 - 6		0.14 - 6		0.14 - 4	
0.14 - 4		0.14 - 6		0.14 - 6		0.14 - 6		0.14 - 4	
400 V, 20 A		500 V, 20 A		500 V, 20 A		500 V, 30 A		500 V, 30 A	
600 V, 16 A, 26 - 12 AWG		600 V, 16 A, 26 - 10 AWG		600 V, 16 A, 26 - 10 AWG		300 V, 30 A, 26 - 10 AWG		300 V, 30 A, 26 - 12 AWG	
600 V, 16 A, 26 - 12 AWG		600 V, 16 A, 26 - 10 AWG		600 V, 16 A, 26 - 10 AWG		300 V, 30 A, 26 - 10 AWG		-	
-		-		-		-		-	
UL, CSA, EAC		UL, CSA, EAC		UL, CSA, EAC		UL, CSA, EAC		UL, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV22TB	50	NSYTRV42SC	50	NSYTRV42TB	50	NSYTRV42SCD	-	-
-	-	50	NSYTRV42ST	-	-	-	-	50	NSYTRV24SCD*
-	-	50	NSYTRV42STAR	-	-	-	-	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC23	-	Included	-	Included	50	NSYTRACE24	50	NSYTRACED24
-	-	-	-	-	-	50	NSYTRACPE24	-	-
50	NSYTRAP23	50	NSYTRAP23	50	NSYTRAP23	50	NSYTRAPE24	-	-
-	-	-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42	-	-
50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43	-	-
50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44	-	-
50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45	-	-
10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410	-	-
10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420	-	-
-	-	-	-	-	-	-	-	-	-
10	NSYTRASF520	-	-	10	NSYTRASF520	-	-	-	-
10	NSYTRASF520M	-	-	10	NSYTRASF520M	-	-	-	-
10	NSYTRASF520B	-	-	10	NSYTRASF520B	-	-	-	-
10	NSYTRASV1	-	-	10	NSYTRASV1	-	-	-	-
10	NSYTRASV2	-	-	10	NSYTRASV2	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACS4	10	NSYTRACS4	10	NSYTRACS4	10	NSYTRACS4	10	NSYTRACS4
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD
9	M3	9	M3	9	M3	9	M3	9	M3
0.5 - 0.6		0.6 - 0.8		0.6 - 0.8		0.6 - 0.8		0.5 - 0.6	



# Linery TR

## Screw terminal blocks

### Screw terminal blocks - Fuse disconnect

							
		<b>NSYTRV162SF</b>	<b>NSYTRV42SF5</b>	<b>NSYTRV42SF6</b>			
Nominal c.s.a.		16 mm <sup>2</sup>	4 mm <sup>2</sup>	16 mm <sup>2</sup>			
	Type of block	Disconnect (fixed carrier)	Disconnect (Lever-type fuse)	Disconnect (Lever-type fuse)			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Type of fuse	G-fuse cartridge 5 x 20 mm	G-fuse cartridge 5 x 20 mm	G-fuse cartridge 6.3 x 32 mm			
	Colour	Black	Black	Black			
Max. electric values (Umax, Imax)		500 V, 10 A	500 V, 6.3 A	500 V, 10 A			
<b>Dimensions (mm)</b>							
	Length	62	72.5	79			
	Height	57.2	56.5	60.5			
	Width	12	8.2	10.2			
Cabling c.s.a. (mm <sup>2</sup> )		16	4	16			
	Flexible cable	0.5 - 16	0.2 - 4	0.5 - 16			
	Solid cable	0.5 - 16	0.2 - 4	0.5 - 16			
<b>Nominal electric values</b>							
	IEC/EN 60947-7-1	500 V, 10 A	500 V, 6.3 A	500 V, 10 A			
	UL	300 V, 20 A, 24 - 6 AWG	600 V, 12 A, 26 - 10 AWG	600 V, 10 A, 26 - 8 AWG			
	CSA	300 V, 20 A, 24 - 6 AWG	600 V, 12 A, 26 - 10 AWG	600 V, 10 A, 26 - 8 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, LR, DNV, EAC	UL, CSA, EAC	UL, CSA, EAC			
<b>Terminal blocks</b>							
		<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
	Black	50	<b>NSYTRV162SF</b>	50	<b>NSYTRV42SF5</b>	50	<b>NSYTRV42SF6</b>
	Black, with light indicator, 12-30 V AC/DC (1)	-	-	50	<b>NSYTRV42SF5LD</b>	50	<b>NSYTRV42SF6LD</b>
	Black, with light indicator, 110-250 V AC/DC (2)	-	-	50	<b>NSYTRV42SF5LA</b>	50	<b>NSYTRV42SF6LA</b>
<b>Accessories</b>							
End stop	Clip-on, 5.2 mm	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>
for 35 mm DIN rail	With screw, 9.5 mm	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>
End plate, width 2.2 mm	Grey	-	Included	-	Included	-	Included
	Grey, partial plate	-	-	-	-	-	-
Vertical bridge	1-pole	-	-	-	-	-	-
Screw bridge	2-pole	10	<b>NSYTRALF1610</b>	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>
	Insulating sleeve, red	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>
Test adaptor	For plug-in bridge shaft	-	-	-	-	-	-
Warning label	Yellow	-	-	-	-	-	-
Marker tag holder	For ●AB35 end stop	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	<b>NSYSDR200BD</b>	20	<b>NSYSDR200BD</b>	20	<b>NSYSDR200BD</b>
Marking accessories		See page 142					
<b>General data</b>							
	Strip length (mm)	11	8	9			
	Screw thread	M4	M3	M3			
	Torque (Nm)	1.5 - 1.8	0.5 - 0.8	0.6 - 0.8			

(1) If the fuse is faulty, the downstream circuit is not off load.

(2) The current is determined by the fuse used, the voltage by the light indicator. Observe max. power dissipation.

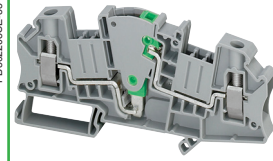




## Linergy TR Screw terminal blocks

### Screw terminal blocks - Measuring terminals

PB50208SE-35

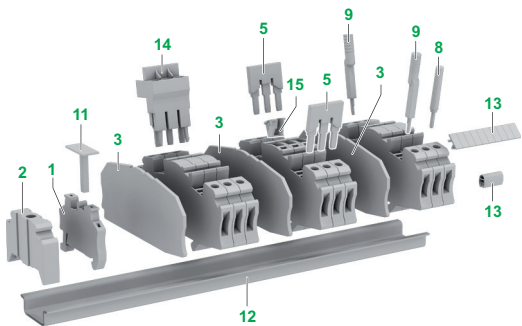


		<b>NSYTRV62TTD</b>
Nominal c.s.a.	Type of block	Knife disconnect
	Type of connection	1 pole - 1 x 1
	Colour	Grey
	Max. electric values ( U <sub>max</sub> , I <sub>max</sub> )	500 V, 30 A
<b>Dimensions (mm)</b>		
	Length	100.8
	Height	49.6
	Width	8.2
Cabling c.s.a. (mm <sup>2</sup> )		6
	Flexible cable	0.2 - 10
	Solid cable	0.2 - 10
<b>Nominal electric values</b>		
	IEC/EN 60947-7-1	500 V, 30 A
	UL	600 V, 30 A. 24 - 8 AWG
	CSA	600 V, 30 A. 24 - 8 AWG
	ATEX	-
Certifications		UL, CSA, EAC

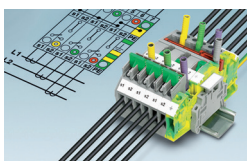
<b>Terminal blocks</b>		<b>Sold in lots of</b>	<b>Unit reference</b>
	Grey	50	<b>NSYTRV62TTD</b>
	Green/Yellow	-	-

<b>Accessories</b>						
1	End stop	Clip-on, 5.2 mm	50	<b>NSYTRAAB35</b>		
2	for 35 mm DIN rail	With screw, 9.5 mm	50	<b>NSYTRAABV35</b>		
3	End plate, width 2.2 mm	Grey	50	<b>NSYTRACT22</b>		
		Blue	-	-		
14	Switching jumper, pluggable	2 points	10	<b>NSYTRASJ2</b>		
		4 points	10	<b>NSYTRASJ4</b>		
		5	Plug-in bridge	2-pole	10	<b>NSYTRAL62</b>
		3-pole		10	<b>NSYTRAL63</b>	
		4-pole		-	-	
	5-pole	10	<b>NSYTRAL65</b>			
	10-pole	10	<b>NSYTRAL610</b>			
15	Switching lock	Pluggable	10	<b>NSYTRASJ6</b>		
8	Test plug	Metallic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>		
		Insulating sleeve, red	10	<b>NSYTRAATP1</b>		
9	Test plug adaptor For plug-in bridge shaft	Grey	10	<b>NSYTRRAFT</b>		
		Orange	10	-		
		Yellow	10	<b>NSYTRAFTYE</b>		
		Green	10	<b>NSYTRAFTGN</b>		
11	Marker tag holder	For ●AB35 end stop	100	<b>NSYTRASB4</b>		
12	DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	<b>NSYSDR200BD</b>		
13	Marking accessories		See page 142			

<b>General data</b>	
Strip length (mm)	10
Screw thread	M4
Torque (Nm)	1.5 - 1.8

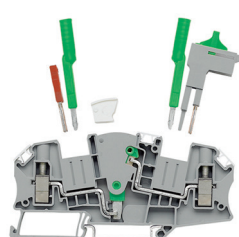


PB50235SE-35



Only two **NSYTRV62TTD** measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit. This means that less space is required compared to a circuit design using slide-type terminal blocks.

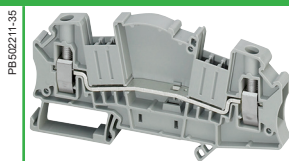
PB502359SE-32



The new **NSYTRV62TT** measuring transducer disconnect terminal blocks with screw connection technology are characterised by easy operation and clarity. All switching statuses are instantly clearly visible. Due to the extensive range of flexible accessories, costs and time are saved when executing all transducer test circuit tasks.

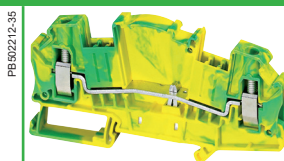
# Linery TR

## Screw terminal blocks



**NSYTRV62TT**

6 mm<sup>2</sup>  
Passthrough  
1 pole - 1 x 1  
Grey  
500 V, 30 A



**NSYTRV62TTPE**

6 mm<sup>2</sup>  
Protective earth  
1 pole - 1 x 1  
Green/Yellow

100.8  
49.6  
8.2  
6  
0.2 - 10  
0.2 - 10

100.8  
49.6  
8.2  
6  
0.2 - 10  
0.2 - 10

500 V, 30 A  
600 V, 30 A, 24 - 8 AWG  
600 V, 30 A, 24 - 8 AWG  
-  
UL, CSA, EAC

-  
24 - 8 AWG  
24 - 8 AWG  
-  
UL, CSA, EAC

**Sold in lots of**

**Unit reference**

**Sold in lots of**

**Unit reference**

50

NSYTRV62TT

-

-

-

-

50

NSYTRV62TTPE

50

NSYTRAAB35

50

NSYTRAAB35

50

NSYTRAABV35

50

NSYTRAABV35

50

NSYTRACT22

50

NSYTRACT22

-

-

-

-

10

NSYTRASJ2

-

-

10

NSYTRASJ4

-

-

10

NSYTRAL62

10

NSYTRAL62

10

NSYTRAL63

10

NSYTRAL63

-

-

-

-

10

NSYTRAL65

10

NSYTRAL65

10

NSYTRAL610

10

NSYTRAL610

10

NSYTRASJ6

-

-

10

NSYTRAATM1

10

NSYTRAATM1

10

NSYTRAATP1

10

NSYTRAATP1

10

NSYTRAFT

10

NSYTRAFT

10

-

10

-

10

NSYTRAFTYE

10

NSYTRAFTYE

10

NSYTRAFTGN

10

NSYTRAFTGN

100

NSYTRASB4

100

NSYTRASB4

20

NSYSR200BD

20

NSYSR200BD

10

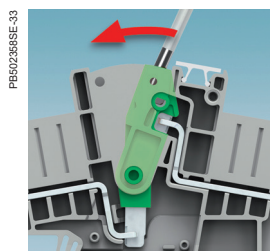
10

M4

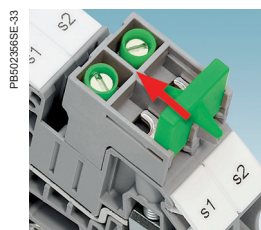
M4

1.5 - 1.8

1.5 - 1.8



The longitudinal isolating switch contacts snap safely into their respective switching state. Imprinted switching symbols ensure clarity. The optional switching lock snaps in and effectively prevents accidental switching. For simultaneous actuation, two switches can be connected to each other using a connection bridge.

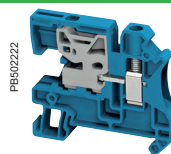
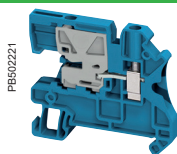


The NSYTRASJ switch jumpers can be placed on both sides of the disconnect point in the bridge shaft and can be securely snapped in irrespective of the terminal strip configuration. The bridge for the transformer short-circuit can be securely engaged in the end positions and screw terminal points are used to make contact.

## Linergy TR

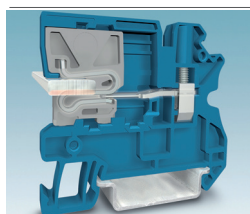
### Screw terminal blocks

#### Screw terminal blocks - Neutral disconnect



		NSYTRV42NE	NSYTRV62NE		
Nominal c.s.a.		4 (6) mm <sup>2</sup>	6 (10) mm <sup>2</sup>		
	Type of block	Neutral disconnect	Neutral disconnect		
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1		
	Colour	Blue	Blue		
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		250 V, 32 A	400 V, 41 A		
<b>Dimensions (mm)</b>					
	Length	55	55		
	Height	47,5	47,5		
	Width	6,2	8,2		
Cabling c.s.a. (mm <sup>2</sup> )		4	6		
	Flexible cable	0.14 - 6	0.2 - 10		
	Solid cable	0.14 - 6	0.2 - 10		
<b>Nominal electric values</b>					
	IEC/EN 60947-7-1	250 V, 32 A	400 V, 41 A		
	UL	-	-		
	CSA	-	-		
	ATEX	-	-		
Certifications		EAC	EAC		
<b>Terminal blocks</b>					
	Blue	Sold in lots of 50	Unit reference NSYTRV42NE	Sold in lots of 50	Unit reference NSYTRV62NE
<b>Accessories</b>					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRAC22	50	NSYTRAC22
	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL
Partition plate, width 2 mm	Grey	50	NSYTRAP22	50	NSYTRAP22
	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL
Plug-in bridge Red	2-pole	50	NSYTRAL42	10	NSYTRAL62
	3-pole	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL45	50	NSYTRAL65
	10-pole	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL420	-	-
Blue	10-pole	10	NSYTRAL410BL	-	-
Grey	10-pole	10	NSYTRAL410GR	-	-
Copper neutral bar	1m long, 10 x 3 mm	10	NSYTRACB103	10	NSYTRACB103
Terminal clamp for neutral bar		25	NSYBPCH516	25	NSYBPCH516
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 142			
<b>General data</b>					
	Strip length (mm)	9		10	
	Screw thread	M3		M4	
	Torque (Nm)	0.6 - 0.8		1.5 - 1.8	

PB502357-33



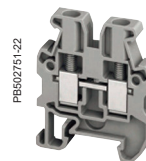
All **NSYTRV●●NE** disconnect terminal blocks have a screwless disconnect slide. When this is levered over with a standard screwdriver, the contact fork slides onto the busbar. The slide engages in the end positions to provide additional protection against accidental actuation. The shape of the **NSYTRV●●NE** disconnect terminal blocks is the same as for the screw terminal blocks **NSYTRV**.



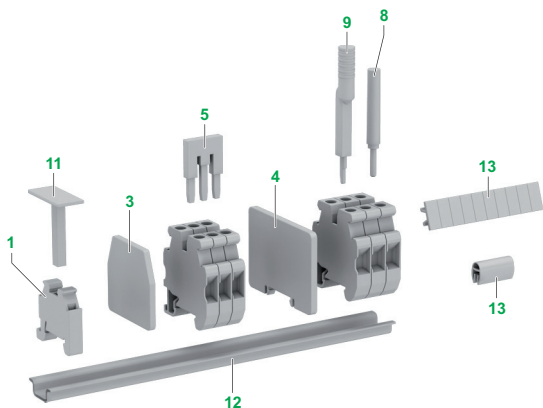
# Lineryy TR

## Screw terminal blocks

### Screw terminal blocks - Miniature passthrough

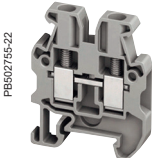
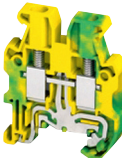
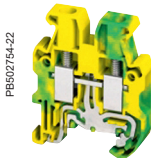


		<b>NSYTRV22M</b>		
Nominal c.s.a.		2.5 mm <sup>2</sup>		
	Type of block	Passthrough		
	Type of connection	1 pole - 1 x 1		
	Colour	Grey		
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		500 V, 24 A		
<b>Dimensions (mm)</b>				
	Length	30		
	Height	34		
	Width	5.2		
Mounting on		NS15 DIN rail		
Cabling c.s.a. (mm <sup>2</sup> )		2.5		
	Flexible cable	0.2 - 2.5		
	Solid cable	0.2 - 4		
<b>Nominal electric values</b>				
	IEC/EN 60947-7-1	500 V, 24 A		
	UL	600 V, 20 A, 24 - 12 AWG		
	CSA	600 V, 20 A, 24 - 12 AWG		
	ATEX	500 V, 20 A		
Certifications		UL, CSA, VDE, ATEX, IECEx, EAC		
<b>Terminal blocks</b>				
		<b>Sold in lots of</b>		
	Grey	50		
	Blue	50		
		<b>Unit reference</b>		
		<b>NSYTRV22M</b>		
		<b>NSYTRV22MBL</b>		
<b>Accessories</b>				
1	End stop for 15 mm DIN rail	Clip-on, 5.2 mm	50	<b>NSYTRAAB15</b>
3	End plate	Grey	50	<b>NSYTRACM22</b>
4	Partition plate	Grey	50	<b>NSYTRAPM22</b>
5	Plug-in bridge	Red	50	<b>NSYTRAL22</b>
		3-pole	50	<b>NSYTRAL23</b>
		4-pole	50	<b>NSYTRAL24</b>
		5-pole	50	<b>NSYTRAL25</b>
		10-pole	10	<b>NSYTRAL210</b>
		20-pole	10	<b>NSYTRAL220</b>
		Blue	10-pole	10
	Grey	10-pole	10	<b>NSYTRAL210GR</b>
11	Marker tag holder	For  AB15 end stop	100	<b>NSYTRASB4</b>
12	DIN rail 15 x 5mm	Perforated, 2m long	10	<b>NSYTRADR155</b>
13	Marking accessories		See page 142	
<b>General data</b>				
	Strip length (mm)		9	
	Screw thread		M3	
	Torque (Nm)		0.5 - 0.6	



# Linery TR

## Screw terminal blocks

		Screw terminal blocks - Miniature protective earth			
					
<b>NSYTRV42M</b>		<b>NSYTRV22MPE</b>		<b>NSYTRV42MPE</b>	
4 mm <sup>2</sup>		2.5 mm <sup>2</sup>		4 mm <sup>2</sup>	
Passthrough		Protective earth		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Green/Yellow		Green/Yellow	
500 V, 32 A		-		-	
30		30		30	
34		34		34	
6.2		5.2		6.2	
NS15 DIN rail		NS15 DIN rail		NS15 DIN rail	
4		2.5		4	
0.2 - 4		0.2 - 2.5		0.2 - 4	
0.2 - 6		0.2 - 4		0.2 - 6	
500 V, 32 A		-		-	
600 V, 30 A, 24 - 10 AWG		24 - 12 AWG		24 - 10 AWG	
600 V, 30 A, 24 - 10 AWG		24 - 12 AWG		24 - 10 AWG	
500 V, 30 A		-		-	
UL, CSA, VDE, ATEX, IECEx, EAC		UL, CSA, VDE, ATEX, IECEx, EAC		UL, CSA, VDE, ATEX, IECEx, EAC	
<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
50	NSYTRV42M	50	NSYTRV22MPE	50	NSYTRV42MPE
50	NSYTRV42MBL	-	-	-	-
50	NSYTRAAB15	50	NSYTRAAB15	50	NSYTRAAB15
50	NSYTRACM22	50	NSYTRACM22	50	NSYTRACM22
50	NSYTRAPM22	50	NSYTRAPM22	50	NSYTRAPM22
50	NSYTRAL42	-	-	-	-
50	NSYTRAL43	-	-	-	-
50	NSYTRAL44	-	-	-	-
50	NSYTRAL45	-	-	-	-
10	NSYTRAL410	-	-	-	-
10	NSYTRAL420	-	-	-	-
10	NSYTRAL410BL	-	-	-	-
10	NSYTRAL410GR	-	-	-	-
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
10	NSYTRADR155	10	NSYTRADR155	10	NSYTRADR155
8		9		8	
M3		M3		M3	
0.6 - 0.8		0.5 - 0.6		0.6 - 0.8	

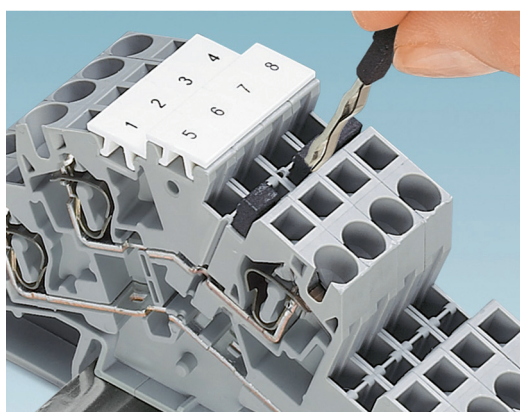


# Linergy TR

## Selection guide: spring terminal blocks

		Passthrough			
		Passthrough			
					
Nominal c.s.a (mm <sup>2</sup> )		2.5	4	6	10, 16 & 35
Number of poles	1 - 1 x 1	<b>NSYTRR22</b>	<b>NSYTRR42</b>	<b>NSYTRR62</b>	<b>NSYTRR102</b> <b>NSYTRR162</b> <b>NSYTRR352</b>
	1 - 1 x 2	<b>NSYTRR23</b>	<b>NSYTRR43</b>	<b>NSYTRR63</b>	-
	1 - 2 x 2	<b>NSYTRR24</b>	<b>NSYTRR44</b>	-	-
	1 - 2 x 4	-	-	-	-
	1 - 3 x 3	-	-	-	-
	2 - 1 x 1	-	-	-	-
	2 - 1 x 2	-	-	-	-
	3 - 1 x 1	-	-	-	-
Colours	Grey	■	■	■	■
	Blue	<b>NSYTRR22BL</b> <b>NSYTRR23BL</b> <b>NSYTRR24BL</b>	<b>NSYTRR42BL</b> <b>NSYTRR43BL</b> <b>NSYTRR44BL</b>	<b>NSYTRR62BL</b>	<b>NSYTRR102BL</b> <b>NSYTRR162BL</b> <b>NSYTRR352BL</b>
	Green/yellow (PE)	-	-	-	-
	Orange	<b>NSYTRR22AR</b> <b>NSYTRR23AR</b> <b>NSYTRR24AR</b>	<b>NSYTRR42AR</b>	-	-
	Black	-	-	-	-
	With flange	-	-	-	-
Mounting on	35 mm 	■	■	■	■
	35 mm 	■	■	■	■
	Telequick	-	-	-	-
	15 mm 	-	-	-	-
See pages	106/107	107/108	108/109	109	

PBE02384-70



### Vertical bridge

The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRR24D** and **NSYTRR44D** terminal blocks.

# Linery TR


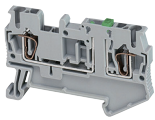
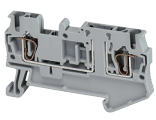



## Selection guide: spring terminal blocks

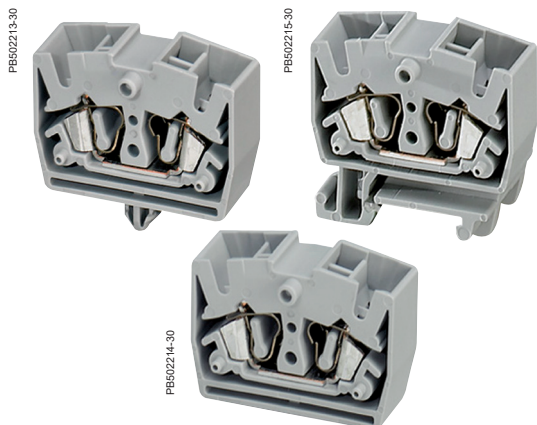
Protective earth				
PB602138-20 	PB602146-20 	PB602152-20 	PB602285-20 	
2.5	4	6	10, 16 & 35	
<b>NSYTRR22PE</b>	<b>NSYTRR42PE</b>	<b>NSYTRR62PE</b>	<b>NSYTRR102PE</b> <b>NSYTRR162PE</b> <b>NSYTRR352PE</b>	
<b>NSYTRR23PE</b>	<b>NSYTRR43PE</b>	-	-	
<b>NSYTRR24PE</b>	<b>NSYTRR44PE</b>	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
■	■	■	■	
-	-	-	-	
-	-	-	-	
■	■	■	■	
■	■	■	■	
-	-	-	-	
-	-	-	-	
110	111	111	112	



## Linergy TR

### Selection guide: spring terminal blocks

		Double deck		Disconnect	
		Passthrough		Blade	
		Removable carrier			
					
Nominal c.s.a (mm²)		2.5 & 4	2.5 & 4	2.5 & 4	
Number of poles	1 - 1 x 1	-	<b>NSYTRR22SC</b>	<b>NSYTRR22TB</b>	
	1 - 1 x 2	-	<b>NSYTRR23SC</b>	<b>NSYTRR23TB</b>	
	1 - 2 x 2	-	-	-	
	1 - 2 x 4	-	-	-	
	1 - 3 x 3	<b>NSYTRR26TC</b>	-	-	
	2 - 1 x 1	<b>NSYTRR24D</b> <b>NSYTRR44D</b>	<b>NSYTRR24SCD</b>	-	
	2 - 1 x 2	-	-	-	
	3 - 1 x 1	<b>NSYTRR26T</b>	-	-	
Colours	Grey	■	■	■	
	Blue	<b>NSYTRR24DBL</b> <b>NSYTRR44DBL</b> <b>NSYTRR26TBL</b>	-	-	
	Green/yellow (PE)	<b>NSYTRR24DPE</b> <b>NSYTRR44DPE</b> <b>NSYTRR26TPE</b>	-	-	
	Orange	-	<b>NSYTRR22SCAR</b> <b>NSYTRR42SCAR</b>	-	
	Black	-	-	-	
	With flange	-	-	-	
			-	-	-
Mounting on	35 mm 	■	■	■	
	35 mm 	■	■	■	
	Telequick	-	-	-	
	15 mm 	-	-	-	
See pages		114/115/116	118/119/120	119/120	




#### Miniature terminal blocks with maximum usage

Due to its space saving design, mini spring-cage terminal blocks are ideal for wiring in extremely restricted spaces. The generous connection space enables fast wiring of both stranded and solid conductors. They can be mounted on NS 15 DIN rail or directly mounted using screw flange or engagement pins.

# Linergy TR

## Selection guide: spring terminal blocks

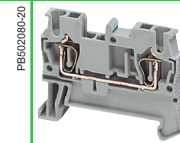
Miniature			
	DIN rail mounting	Direct mounting	Pin mounting
PB90221E-20		PB90221E-20	PB90221T-20
	2.5	2.5	2.5
	NSYTRR22M	-	NSYTRR22MP
	-	-	-
	NSYTRR24M	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	■	■	■
	NSYTRR22MBL	-	-
	NSYTRR24MBL	NSYTRR24MFBL	-
	NSYTRR22MPE	-	-
	-	-	-
	-	-	-
	-	-	-
	-	NSYTRR24MFF	-
	-	-	-
	-	-	-
	-	-	-
	■	-	-
	122/123	124/125	125



# Linery TR

## Spring terminal blocks

### Spring terminal blocks - Passthrough

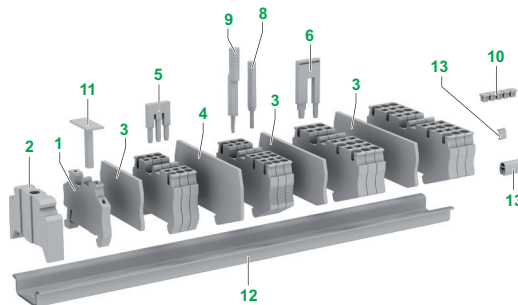


		<b>NSYTRR22</b>
Nominal c.s.a.		2.5 mm <sup>2</sup>
	Type of block	Passthrough
	Type of connection	1 pole - 1 x 1
	Colour	Grey
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		800 V, 31 A
<b>Dimensions (mm)</b>		
	Length	48.5
	Height	36.5
	Width	5.2
Cabling c.s.a. (mm <sup>2</sup> )		2.5
	Flexible cable	0.08 - 2.5
	Solid cable	0.08 - 4
<b>Nominal electric values</b>		
	IEC/EN 60947-7-1	800 V, 24 A
	UL	600 V, 20 A, 28 - 12 AWG
	CSA	600 V, 20 A, 28 - 12 AWG
	ATEX	550 V, 21 A
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC

#### Terminal blocks

		Sold in lots of	Unit reference
	Grey	50	<b>NSYTRR22</b>
	Blue	50	<b>NSYTRR22BL</b>
	Orange	50	<b>NSYTRR22AR</b>

#### Accessories



1	End stop	Clip-on, 5.2 mm	50	<b>NSYTRAAB35</b>	
2	for 35 mm DIN rail	With screw, 9.5 mm	50	<b>NSYTRAABV35</b>	
3	End plate, width 2.2 mm	Grey	50	<b>NSYTRACR22</b>	
		Blue	50	<b>NSYTRACR22BL</b>	
4	Partition plate, width 2 mm	Grey	50	<b>NSYTRAPR42</b>	
		Blue	-	-	
5	Plug-in bridge	Red	2-pole	50	<b>NSYTRAL22</b>
		3-pole	50	<b>NSYTRAL23</b>	
		4-pole	50	<b>NSYTRAL24</b>	
		5-pole	50	<b>NSYTRAL25</b>	
		10-pole	10	<b>NSYTRAL210</b>	
		20-pole	10	<b>NSYTRAL220</b>	
Blue	10-pole	10	<b>NSYTRAL210BL</b>		
Grey	10-pole	10	<b>NSYTRAL210GR</b>		
6	Step-down bridge, down to 2.5/4 mm <sup>2</sup>	Screw to screw terminal	-	-	
		Spring to spring terminal	-	-	
8	Test plug	Metallic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>	
		Insulating sleeve, red	10	<b>NSYTRAATP1</b>	
9	Test adaptor	For plug-in bridge shaft	10	<b>NSYTRAFT</b>	
10	Warning label	Yellow	10	<b>NSYTRACSR2</b>	
11	Marker tag holder	For ●AB35 end stop	100	<b>NSYTRASB4</b>	
12	DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	<b>NSYSR200BD</b>	
13	Marking accessories		See page 142		

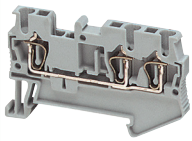
#### General data

Strip length (mm)	10
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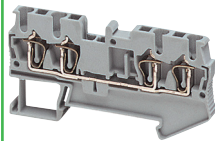
# Linery TR

## Spring terminal blocks

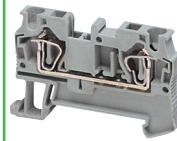
PB602141/25



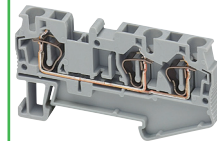
PB602143/28



PB602145/23



PB602147/28



<b>NSYTTR23</b>		<b>NSYTTR24</b>		<b>NSYTTR42</b>		<b>NSYTTR43</b>	
2.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>		4 mm <sup>2</sup>		4 mm <sup>2</sup>	
Passthrough		Passthrough		Passthrough		Passthrough	
1 pole - 1 x 2		1 pole - 2 x 2		1 pole - 1 x 1		1 pole - 1 x 2	
Grey		Grey		Grey		Grey	
800 V, 28 A		800 V, 28 A		800 V, 40 A		800 V, 40 A	
60.5		72		56		71.5	
36.5		36.5		36.5		36.5	
5.2		5.2		6.2		6.2	
2.5		2.5		4		4	
0.08 - 2.5		0.08 - 2.5		0.08 - 4		0.08 - 4	
0.08 - 4		0.08 - 4		0.08 - 6		0.08 - 6	
800 V, 24 A		800 V, 24 A		800 V, 32 A		800 V, 32 A	
600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG		600 V, 30 A, 28 - 10 AWG		600 V, 30 A, 28 - 10 AWG	
600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG		600 V, 30 A, 28 - 10 AWG		600 V, 30 A, 28 - 10 AWG	
550 V, 21 A		550 V, 21 A		550 V, 30 A		550 V, 30 A	
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTTR23	50	NSYTTR24	50	NSYTTR42	50	NSYTTR43
50	NSYTTR23BL	50	NSYTTR24BL	50	NSYTTR42BL	50	NSYTTR43BL
50	NSYTTR23AR	50	NSYTTR24AR	50	NSYTTR42AR	50	-
50	NSYTRAB35	50	NSYTRAB35	50	NSYTRAB35	50	NSYTRAB35
50	NSYTRABV35	50	NSYTRABV35	50	NSYTRABV35	50	NSYTRABV35
50	NSYTRACR23	50	NSYTRACR24	50	NSYTRACR42	50	NSYTRACR43
50	NSYTRACR23BL	50	NSYTRACR24BL	-	-	-	-
50	NSYTRAPR23	50	NSYTRAPR24	50	NSYTRAPR42	-	-
-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL420
10	NSYTRAL210BL	10	NSYTRAL210BL	10	NSYTRAL410BL	10	NSYTRAL410BL
10	NSYTRAL210GR	10	NSYTRAL210GR	10	NSYTRAL410GR	10	NSYTRAL410GR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACSR2	10	NSYTRACSR2	10	-	10	-
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10		10	

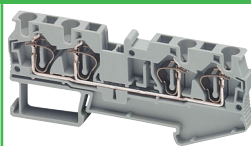


# Lineryy TR

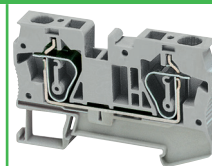
## Spring terminal blocks

### Spring terminal blocks - Passthrough

PB602146-33



PB602151-28



	<b>NSYTRR44</b>	<b>NSYTRR62</b>
Nominal c.s.a.	4 mm <sup>2</sup>	6 mm <sup>2</sup>
Type of block	Passthrough	Passthrough
Type of connection	1 pole - 2 x 2	1 pole - 1 x 1
Colour	Grey	Grey
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )	800 V, 40 A	1000 V, 52 A

Dimensions (mm)		
Length	87	69.5
Height	36.5	43.5
Width	6.2	8.2
Cablings c.s.a. (mm <sup>2</sup> )	4	6
Flexible cable	0.08 - 4	0.5 - 6
Solid cable	0.08 - 6	0.2 - 10

Nominal electric values		
IEC/EN 60947-7-1	800 V, 32 A	800 V, 41 A
UL	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG
CSA	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG
ATEX	550 V, 30 A	550 V, 36 A
Certifications	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC

Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRR44	50	NSYTRR62
	Blue	50	NSYTRR44BL	50	NSYTRR62BL
	Orange	50	-	-	-

Accessories					
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR44	50	NSYTRACR62
	Blue	-	-	-	-
Partition plate, width 2 mm	Grey	-	-	-	-
	Blue	-	-	-	-
Plug-in bridge	2-pole	50	NSYTRAL42	10	NSYTRAL62
	3-pole	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL45	10	NSYTRAL65
	10-pole	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL420	-	-
Blue	10-pole	10	NSYTRAL410BL	10	NSYTRAL610BL
	Grey	10	NSYTRAL410GR	10	NSYTRAL610GR
Step-down bridge, down to 2.5/4 mm <sup>2</sup>	Screw to screw terminal	-	-	-	-
	Spring to spring terminal	-	-	10	NSYTRALR62
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	-	10	NSYTRACSR6
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD

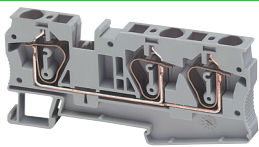
Marking accessories See page 142

General data		
Strip length (mm)	10	12

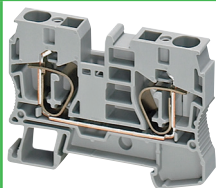
# Linery TR

## Spring terminal blocks

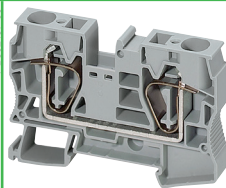
PB502161-34



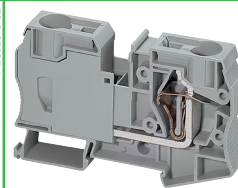
PB502284-28



PB502167-30



PB502810-32



NSYTTR63	NSYTTR102	NSYTTR162	NSYTTR352
6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	35 mm <sup>2</sup>
Passthrough	Passthrough	Passthrough	Passthrough
1 pole - 1 x 2	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1
Grey	Grey	Grey	Grey
1000 V, 52 A	1000 V, 65 A	1000 V, 90 A	1000 V, 125 A

90.5	71.5	80	100
43.5	50.5	51	59
8.2	10.2	12.2	16
6	10	16	35
0.5 - 6	0.2 - 10	0.2 - 16	2.5 - 35
0.2 - 10	0.2 - 16	0.2 - 25	2.5 - 35

800 V, 41 A	800 V, 57 A	800 V, 76 A	1000 V, 125 A
600 V, 50 A, 24 - 8 AWG	600 V, 65 A, 16 - 6 AWG	600 V, 85 A, 16 - 4 AWG	600 V, 115 A, 14 - 2 AWG
600 V, 50 A, 24 - 8 AWG	600 V, 65 A, 16 - 6 AWG	600 V, 85 A, 16 - 4 AWG	600 V, 115 A, 14 - 2 AWG
550 V, 30 A	550 V, 50 A	550 V, 65 A	-
UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, EAC	UL, CSA, EAC

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTTR63	50	NSYTTR102	50	NSYTTR162	10	NSYTTR352
-	-	50	NSYTTR102BL	50	NSYTTR162BL	10	NSYTTR352BL
-	-	-	-	-	-	-	-

50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR63	50	NSYTRACR102	50	NSYTRACR162	-	Included
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAL62	10	NSYTRAL102	10	NSYTRAL162	10	NSYTRAL352
10	NSYTRAL63	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAL65	-	-	-	-	-	-
10	NSYTRAL610	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAL610BL	-	-	-	-	-	-
10	NSYTRAL610GR	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRALR62	10	NSYTRALR102	10	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	-	-	-	-
10	NSYTRAATP1	10	NSYTRAATP1	-	-	-	-
10	NSYTRAFT	10	NSYTRAFT	-	-	-	-
10	NSYTRACSR6	10	NSYTRACSR10	10	NSYTRACSR10	10	NSYTRACSR10
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

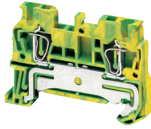
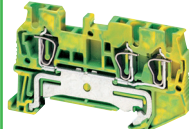


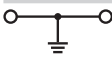
12	18	18	25
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# Lineryy TR

## Spring terminal blocks

### Spring terminal blocks - Protective earth

							
Nominal c.s.a.		<b>NSYTRR22PE</b>	<b>NSYTRR23PE</b>	<b>NSYTRR24PE</b>			
		2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2			
Max. electric values	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
		-	-	-			
<b>Dimensions (mm)</b>							
	Length	48.5	60.5	72			
	Height	36.5	36.5	36.5			
	Width	5.2	5.2	5.2			
Cabling c.s.a. (mm <sup>2</sup> )		2.5	2.5	2.5			
	Flexible cable	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5			
	Solid cable	0.08 - 4	0.08 - 4	0.08 - 4			
<b>Nominal electric values</b>							
	IEC/EN 60947-7-1	-	-	-			
	UL	28 - 12 AWG	28 - 12 AWG	28 - 12 AWG			
	CSA	28 - 12 AWG	28 - 12 AWG	28 - 12 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC			
<b>Terminal blocks</b>							
		<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
	Green/Yellow	50	<b>NSYTRR22PE</b>	50	<b>NSYTRR23PE</b>	50	<b>NSYTRR24PE</b>
<b>Accessories</b>							
End stop for 35mm DIN rail	Clip-on, 5.2 mm	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>
	With screw, 9.5 mm	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>
End plate, width 2.2 mm	Grey	50	<b>NSYTRACR22</b>	50	<b>NSYTRACR23</b>	50	<b>NSYTRACR24</b>
	Blue	50	<b>NSYTRACR22BL</b>	50	<b>NSYTRACR23BL</b>	50	<b>NSYTRACR24BL</b>
Partition plate, width 2 mm	Grey	50	<b>NSYTRAPR42</b>	50	<b>NSYTRAPR23</b>	50	<b>NSYTRAPR24</b>
	Blue	-	-	-	-	-	-
Plug-in bridge Red	2-pole	-	-	-	-	-	-
	3-pole	-	-	-	-	-	-
	10-pole	-	-	-	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>
	Insulating sleeve, red	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>
Test adaptor	For plug-in bridge shaft	10	<b>NSYTRAFT</b>	10	<b>NSYTRAFT</b>	10	<b>NSYTRAFT</b>
Warning label	Yellow	10	<b>NSYTRACSR2</b>	10	<b>NSYTRACSR2</b>	10	<b>NSYTRACSR2</b>
Marker tag holder	For ●AB35 end stop	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	<b>NSYSDR200BD</b>	20	<b>NSYSDR200BD</b>	20	<b>NSYSDR200BD</b>
Marking accessories		See page 142					
<b>General data</b>							
	Strip length (mm)	10		10		10	

# Linery TR

## Spring terminal blocks

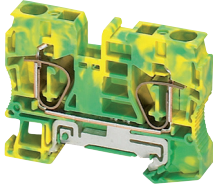
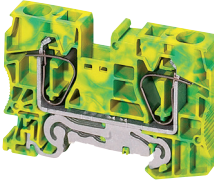
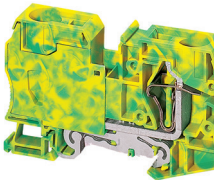


PE502146-23		PE502146-28		PE502150-33		PE502152-34	
							
<b>NSYTTR42PE</b>		<b>NSYTTR43PE</b>		<b>NSYTTR44PE</b>		<b>NSYTTR62PE</b>	
4 mm <sup>2</sup>		4 mm <sup>2</sup>		4 mm <sup>2</sup>		6 mm <sup>2</sup>	
Protective earth		Protective earth		Protective earth		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 2		1 pole - 2 x 2		1 pole - 1 x 1	
Green/Yellow		Green/Yellow		Green/Yellow		Green/Yellow	
-		-		-		-	
56		71.5		87		69.5	
36.5		36.5		36.5		43.5	
6.2		6.2		6.2		8.2	
4		4		4		6	
0.08 - 4		0.08 - 4		0.08 - 4		0.2 - 6	
0.08 - 6		0.08 - 6		0.08 - 6		0.08 - 4	
-		-		-		-	
28 - 10 AWG		28 - 10 AWG		28 - 10 AWG		24 - 8 AWG	
28 - 10 AWG		28 - 10 AWG		28 - 10 AWG		24 - 8 AWG	
-		-		-		-	
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	
<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
50	NSYTTR42PE	50	NSYTTR43PE	50	NSYTTR44PE	50	NSYTTR62PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACR43	50	NSYTRACR44	50	NSYTRACR62
-	-	-	-	-	-	-	-
50	NSYTRAPR42	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	10	NSYTRAL62
-	-	-	-	-	-	10	NSYTRAL63
-	-	-	-	-	-	10	NSYTRAL610
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	-	10	-	10	-	10	NSYTRACSR6
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10		12	





# Lineryy TR

## Spring terminal blocks

Spring terminal blocks - Protective earth							
							
		<b>NSYTRR102PE</b>	<b>NSYTRR162PE</b>	<b>NSYTRR352PE</b>			
Nominal c.s.a.		10 mm <sup>2</sup>	16 mm <sup>2</sup>	35 mm <sup>2</sup>			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values		-	-	1000 V, 125 A			
<b>Dimensions (mm)</b>							
	Length	71.5	80	100			
	Height	50.5	51	59			
	Width	10.2	12.2	16			
Cablings c.s.a. (mm <sup>2</sup> )		10	16	35			
	Flexible cable	0.2 - 10	0.2 - 16	2.5 - 35			
	Solid cable	0.2 - 16	0.2 - 25	2.5 - 35			
<b>Nominal electric values</b>							
	IEC/EN 60947-7-1	-	-	-			
	UL	16 - 6 AWG	16 - 4 AWG	14 - 2 AWG			
	CSA	16 - 6 AWG	16 - 4 AWG	14 - 2 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, EAC	UL, CSA, EAC			
<b>Terminal blocks</b>							
		<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
	Green/Yellow	50	<b>NSYTRR102PE</b>	25	<b>NSYTRR162PE</b>	10	<b>NSYTRR352PE</b>
<b>Accessories</b>							
End stop for 35mm DIN rail	Clip-on, 5.2 mm	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>
	With screw, 9.5 mm	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>
End plate, width 2.2 mm	Grey	50	<b>NSYTRACR102</b>	50	<b>NSYTRACR162</b>	-	included
	Blue	-	-	-	-	-	-
Partition plate, width 2 mm	Grey	-	-	-	-	-	-
	Blue	-	-	-	-	-	-
Plug-in bridge	2-pole	10	<b>NSYTRAL102</b>	10	<b>NSYTRAL162</b>	10	<b>NSYTRAL352</b>
Red	3-pole	-	-	-	-	-	-
	10-pole	-	-	-	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>	-	-	-	-
	Insulating sleeve, red	10	<b>NSYTRAATP1</b>	-	-	-	-
Test adaptor	For plug-in bridge shaft	10	<b>NSYTRAFT</b>	-	-	-	-
Warning label	Yellow	10	<b>NSYTRACSR10</b>	10	<b>NSYTRACSR10</b>	10	<b>NSYTRACSR10</b>
Marker tag holder	For ●AB35 end stop	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	<b>NSYSR200BD</b>	20	<b>NSYSR200BD</b>	20	<b>NSYSR200BD</b>
Marking accessories		See page 142					
<b>General data</b>							
	Strip length (mm)	18		18		25	

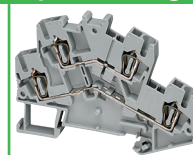


# Linery TR

## Spring terminal blocks

### Spring terminal blocks - Double deck passthrough

PB602164-25



		<b>NSYTRR24D</b>
Nominal c.s.a.	Type of block	2.5 mm <sup>2</sup>
	Type of connection	Passthrough - Double deck
	Type of connection	2 pole - 1 x 1
	Colour	Grey
Max. electric values ( U <sub>max</sub> , I <sub>max</sub> )		500 V, 26 A
<b>Dimensions (mm)</b>		
	Length	78
	Height	55
	Width	5.2
Cabling c.s.a. (mm <sup>2</sup> )		2.5
	Flexible cable	0.08 - 2.5
	Solid cable	0.08 - 4
<b>Nominal electric values</b>		
	IEC/EN 60947-7-1	500 V, 22 A
	UL	600 V, 20 A, 28 - 12 AWG
	CSA	600 V, 20 A, 28 - 12 AWG
	ATEX	440 V, 19,5 A
Certifications (1)		UL, CSA, VDE, GL, LR, DNV, EAC

#### Terminal blocks

		Sold in lots of	Unit reference
	Grey	50	NSYTRR24D
	Blue	50	NSYTRR24DBL

#### Accessories

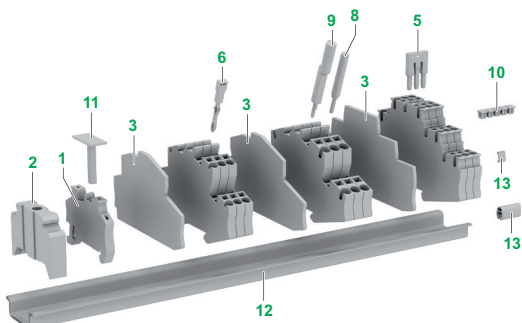
1	End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
2	for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
3	End plate, width 2.2 mm	Grey	50	NSYTRACRE24
		Blue	-	-
5	Plug-in bridge Red	2-pole	50	NSYTRAL22
		3-pole	50	NSYTRAL23
		4-pole	50	NSYTRAL24
		5-pole	50	NSYTRAL25
		10-pole	10	NSYTRAL210
		20-pole	10	NSYTRAL220
6	Vertical bridge	1-pole	50	NSYTRALV24R
8	Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
		Insulating sleeve, red	10	NSYTRAATP1
9	Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
10	Warning label	Yellow	10	NSYTRACSR2
11	Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
12	DIN rail 35x7.2mm	Perforated, 2m long	20	NSYSDR200BD
13	Marking accessories		See page 142	

#### General data

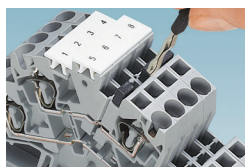
Strip length (mm)	10
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(1) ATEX and IECEx certifications pending.

\* The 3 levels are connected.



PB602364-33

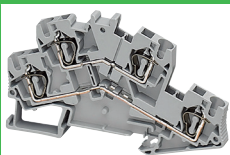


The NSYTRALV24R vertical bridge offers the option of connecting both levels of the standard double-level NSYTRR24D or NSYTRR44D terminal blocks.

# Linergy TR

## Spring terminal blocks

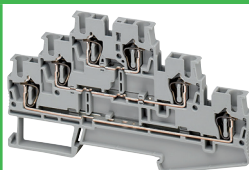
PB602153-30



**NSYTRR44D**

4 mm<sup>2</sup>  
Passthrough - Double deck  
2 pole - 1 x 1  
Grey  
500 V, 34 A

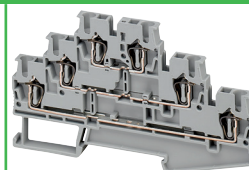
PB602155-33



**NSYTRR26T**

2.5 mm<sup>2</sup>  
Passthrough - 3 Levels  
3 pole - 1 x 1  
Grey  
500 V, 28 A

PB602156-33



**NSYTRR26TC**

2.5 mm<sup>2</sup>  
Passthrough - 3 Levels  
1 pole - 3 x 3  
Grey  
500 V, 28 A

92.4	99.5	99.5
55	58	58
6.2	5.2	5.2
4	2.5	2.5
0.08 - 4	0.08 - 2.5	0.08 - 2.5
0.08 - 6	0.08 - 4	0.08 - 4
500 V, 28 A	500 V, 20 A	500 V, 20 A
600 V, 30 A, 28 - 10 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG
600 V, 30 A, 28 - 10 AWG	600 V, 20 A, 28 - 12 AWG	-
440 V, 22 A	-	-
UL, CSA, VDE, GL, LR, DNV, EAC	UL, CSA, VDE, GL, LR, EAC	UL, EAC

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR44D	50	NSYTRR26T	50	NSYTRR26TC*
50	NSYTRR44DBL	50	NSYTRR26TBL	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACRE44	50	NSYTRACRE26	50	NSYTRACRE26
-	-	-	-	-	-
50	NSYTRAL42	50	NSYTRAL22	50	NSYTRAL22
50	NSYTRAL43	50	NSYTRAL23	50	NSYTRAL23
50	NSYTRAL44	50	NSYTRAL24	50	NSYTRAL24
50	NSYTRAL45	50	NSYTRAL25	50	NSYTRAL25
10	NSYTRAL410	10	NSYTRAL210	10	NSYTRAL210
10	NSYTRAL420	10	NSYTRAL220	10	NSYTRAL220
50	NSYTRALV24R	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	-	10	NSYTRACSR2	10	NSYTRACSR2
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

10	10	10
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# Lineryy TR

## Spring terminal blocks

### Spring terminal blocks - Double deck protective earth

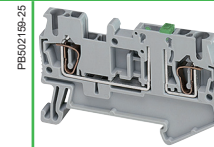
						
		<b>NSYTTR24DPE</b>	<b>NSYTTR44DPE</b>	<b>NSYTTR26TPE</b>		
Nominal c.s.a.	Type of block	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	2.5 mm <sup>2</sup>		
	Type of connection	Protective earth - Double deck	Protective earth - Double deck	Protective earth - 3 Levels		
	Type of connection	1 pole - 2 x 2	1 pole - 2 x 2	1 pole - 3 x 3		
	Colour	Green/Yellow	Green/Yellow	Green/Yellow		
Max. electric values		-	-	-		
<b>Dimensions (mm)</b>						
	Length	78	92.4	99.5		
	Height	55	55	58		
	Width	5.2	6.2	5.2		
Cabling c.s.a. (mm <sup>2</sup> )		2.5	4	2.5		
	Flexible cable	0.08 - 2.5	0.08 - 4	0.08 - 2.5		
	Solid cable	0.08 - 4	0.08 - 6	0.08 - 4		
<b>Nominal electric values</b>						
	IEC/EN 60947-7-1	-	-	-		
	UL	28 - 12 AWG	28 - 10 AWG	28 - 12 AWG		
	CSA	28 - 12 AWG	28 - 10 AWG	28 - 12 AWG		
	ATEX 	-	-	-		
Certifications (1)		UL, CSA, VDE, GL, LR, DNV, EAC	UL, CSA, VDE, GL, LR, DNV, EAC	UL, CSA, EAC		
<b>Terminal blocks</b>						
		<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>
Green/Yellow		50	<b>NSYTTR24DPE</b>	50	<b>NSYTTR44DPE</b>	50
						<b>NSYTTR26TPE</b>
<b>Accessories</b>						
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	<b>NSYTRAAAB35</b>	50	<b>NSYTRAAAB35</b>	50
	With screw, 9.5 mm	50	<b>NSYTRAAABV35</b>	50	<b>NSYTRAAABV35</b>	50
End plate, width 2.2 mm	Grey	50	<b>NSYTRACRE24</b>	50	<b>NSYTRACRE44</b>	50
	Blue	-	-	-	-	-
Plug-in bridge Red	2-pole	50	<b>NSYTRAL22</b>	50	<b>NSYTRAL42</b>	50
	3-pole	50	<b>NSYTRAL23</b>	50	<b>NSYTRAL43</b>	50
	4-pole	50	<b>NSYTRAL24</b>	50	<b>NSYTRAL44</b>	50
	5-pole	50	<b>NSYTRAL25</b>	50	<b>NSYTRAL45</b>	50
	10-pole	10	<b>NSYTRAL210</b>	10	<b>NSYTRAL410</b>	10
	20-pole	10	<b>NSYTRAL220</b>	10	<b>NSYTRAL420</b>	10
Test plug	Metallic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>	10
	Insulating sleeve, red	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>	10
Test adaptor	For plug-in bridge shaft	10	<b>NSYTRAFT</b>	10	<b>NSYTRAFT</b>	10
Warning label	Yellow	10	<b>NSYTRACSR2</b>	10	-	10
Marker tag holder	For ● AB35 end stop	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	<b>NSYSDR200BD</b>	20	<b>NSYSDR200BD</b>	20
Marking accessories		See page 142				
<b>General data</b>						
	Strip length (mm)	10		10		10

(1) ATEX and IECEx certifications pending.

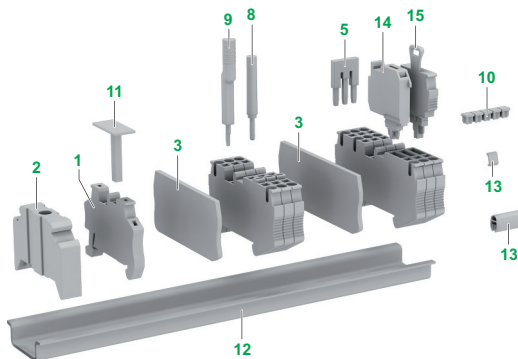


## Linergy TR Spring terminal blocks

### Spring terminal blocks - Disconnect



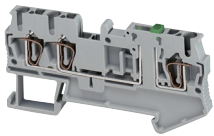
		<b>NSYTTR22SC</b>	
Nominal c.s.a.		2.5 mm <sup>2</sup>	
	Type of block	Disconnect (blade)	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values ( U <sub>max</sub> , I <sub>max</sub> )		400 V, 20 A	
<b>Dimensions (mm)</b>			
	Length	60.5	
	Height	36.5	
	Width	5.2	
Cabling c.s.a. (mm <sup>2</sup> )		2.5	
	Flexible cable	0.08 - 2.5	
	Solid cable	0.08 - 4	
<b>Nominal electric values</b>			
	IEC/EN 60947-7-1	400 V, 20 A	
	UL	600 V, 16 A, 28 - 12 AWG	
	CSA	300 V, 16 A, 28 - 12 AWG	
	ATEX	-	
Certifications		UL, CSA, EAC	
<b>Terminal blocks</b>			
		<b>Sold in lots of</b>	<b>Unit reference</b>
	Grey	50	<b>NSYTTR22SC</b>
	Orange	50	<b>NSYTTR22SCAR</b>
<b>Accessories</b>			
1	End stop	Clip-on, 5.2 mm	50 <b>NSYTRAB35</b>
2	for 35 mm DIN rail	With screw, 9.5 mm	50 <b>NSYTRABV35</b>
3	End plate, width 2.2 mm	Grey	50 <b>NSYTRACR23</b>
		Blue	-
4	Partition plate, width 2 mm	Grey	50 <b>NSYTRAPR23</b>
		Blue	-
5	Plug-in bridge	2-pole	50 <b>NSYTRAL22</b>
		3-pole	50 <b>NSYTRAL23</b>
		4-pole	50 <b>NSYTRAL24</b>
		5-pole	50 <b>NSYTRAL25</b>
		10-pole	10 <b>NSYTRAL210</b>
		20-pole	10 <b>NSYTRAL220</b>
14	Removable carrier width 6.1 mm 6 A max	For fuse 5 x 20 mm	-
		For fuse 5 x 20 mm 110 - 250 V LED	-
		For fuse 5 x 20 mm 12 - 30 V LED	-
15	Removable carrier width 5.1 mm 6 A max	For component	-
		With 1N4007 diode	-
8	Test plug	Metallic part, Ø 2.3 mm	10 <b>NSYTRATM1</b>
		Insulating sleeve, red	10 <b>NSYTRAATP1</b>
9	Test adaptor	For plug-in bridge shaft	10 <b>NSYTRAPT</b>
10	Warning label	Yellow	50 <b>NSYTRACSR2</b>
11	Marker tag holder	For ●AB35 end stop	100 <b>NSYTRASB4</b>
12	DIN rail 35 x 7.2 mm	Perforated, 2 m long	20 <b>NSYSR200BD</b>
13	Marking accessories		See page 142
<b>General data</b>			
	Strip length (mm)	10	



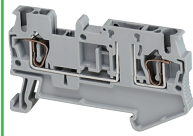
# Linery TR

## Spring terminal blocks

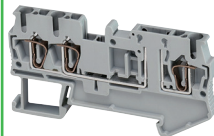
PB62/162-28



PB62/162-25



PB62/163-28



<b>NSYTRR23SC</b>		<b>NSYTRR22TB</b>		<b>NSYTRR23TB</b>	
2.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>	
Disconnect (blade)		Disconnect (for carrier)		Disconnect (for carrier)	
1 pole - 1 x 2		1 pole - 1 x 1		1 pole - 1 x 2	
Grey		Grey		Grey	
400 V, 20 A		400 V, 20 A		400 V, 20 A	
72		60.5		72	
36.5		36.5		36.5	
5.2		5.2		5.2	
2.5		2.5		2.5	
0.08 - 2.5		0.08 - 2.5		0.08 - 2.5	
0.08 - 4		0.08 - 4		0.08 - 4	
400 V, 20 A		400 V, 20 A		400 V, 20 A	
600 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG	
300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG	
-		-		-	
UL, CSA, EAC		UL, CSA, EAC		UL, CSA, EAC	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR23SC	50	NSYTRR22TB	50	NSYTRR23TB
50	-	-	-	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR24	50	NSYTRACR23	50	NSYTRACR24
-	-	-	-	-	-
50	NSYTRAPR24	50	NSYTRAPR23	50	NSYTRAPR24
-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220
-	-	10	NSYTRASF520	10	NSYTRASF520
-	-	10	NSYTRASF520M	10	NSYTRASF520M
-	-	10	NSYTRASF520B	10	NSYTRASF520B
-	-	10	NSYTRASV1	10	NSYTRASV1
-	-	10	NSYTRASV2	10	NSYTRASV2
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
50	NSYTRACSR2	50	NSYTRACSR2	50	NSYTRACSR2
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10	



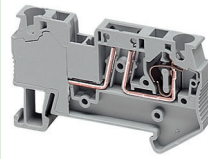


# Linery TR

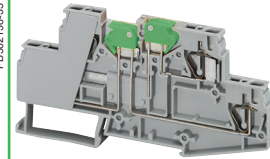
## Spring terminal blocks

### Spring terminal blocks - Disconnect

PB 502812-28



PB 502138-35



		<b>NSYTRR42TB</b>	<b>NSYTRR24SCD</b>		
Nominal c.s.a.		4 mm <sup>2</sup>	2.5 mm <sup>2</sup>		
	Type of block	Disconnect (for carrier)	Disconnect (blade)		
	Type of connection	1 pole - 1 x 1	2 pole - 1 x 1		
	Colour	Grey	Grey		
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		400 V, 20 A	400 V, 16 A		
<b>Dimensions (mm)</b>					
	Length	61.5	107		
	Height	36.5	55		
	Width	6.2	5.2		
Cabling c.s.a. (mm <sup>2</sup> )		2.5	2.5		
	Flexible cable	0.08 - 4	0.08 - 2.5		
	Solid cable	0.08 - 6	0.08 - 4		
<b>Nominal electric values</b>					
	IEC/EN 60947-7-1	400 V, 20 A	400 V, 16 A		
	UL	300 V, 10 A, 28 - 10 AWG	300 V, 10 A, 28 - 12 AWG		
	CSA	-	300 V, 10 A, 28 - 12 AWG		
	ATEX	-	-		
Certifications		UL, EAC	UL, CSA, EAC		
<b>Terminal blocks</b>					
		<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
	Grey	50	NSYTRR42TB	50	NSYTRR24SCD
	Orange	-	-	-	-
<b>Accessories</b>					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	-	Included	-	Included
	Blue	-	-	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAPR23	-	-
	Blue	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL42	-	-
	3-pole	50	NSYTRAL43	-	-
	4-pole	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL45	-	-
	10-pole	10	NSYTRAL410	-	-
	20-pole	10	NSYTRAL420	-	-
Removable carrier width 6.1 mm	For fuse 5 x 20 mm	10	NSYTRASF520	-	-
	For fuse 5 x 20 mm 110 - 250 V LED	10	NSYTRASF520M	-	-
	For fuse 5 x 20 mm 12 - 30 V LED	10	NSYTRASF520B	-	-
Removable carrier width 5.1 mm	For component	10	NSYTRASV1	-	-
	With 1N4007 diode	10	NSYTRASV2	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	50	-	50	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD
Marking accessories		See page 142			
<b>General data</b>					
	Strip length (mm)	10		10	

## Linergy TR

Spring terminal blocks

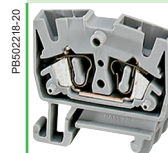
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# Lineryy TR

## Spring terminal blocks

### Spring terminal blocks - Miniature passthrough and miniature protective E

#### DIN rail mounting



		<b>NSYTRR22M</b>
Nominal c.s.a.	Type of block	Passthrough
	Type of connection	1 pole - 1 x 1
	Colour	Grey
	Max. electric values (U <sub>max</sub> , I <sub>max</sub> )	800 V, 30 A
<b>Dimensions (mm)</b>		
	Length	32
	Height	30
	Width	5.2
Mounting on		NS15 Din rail
Cabling c.s.a. (mm <sup>2</sup> )		2.5
	Flexible cable	0.08 - 2.5
	Solid cable	0.08 - 4
<b>Nominal electric values</b>		
	IEC/EN 60947-7-1	800 V, 24 A
	UL	600 V, 20 A, 28 - 12 AWG
	CSA	600 V, 20 A, 28 - 12 AWG
	ATEX	690 V, 22 A
Certifications (1)		UL, CSA, EAC

#### Terminal blocks



		Sold in lots of	Unit reference
or			
	Grey	50	NSYTRR22M
	Blue	50	NSYTRR22MBL
	Grey, with flange	-	-

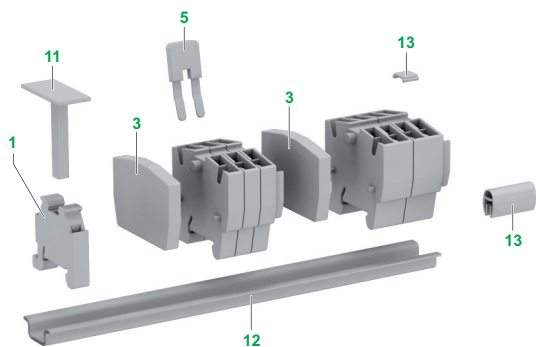
#### Accessories

1	End stop for 15 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB15
3	End plate, width 2.2 mm	Grey	50	NSYTRACRM22
		Grey, with flange	-	-
5	Insertion bridge	2-pole	-	-
	Grey			
11	Marker tag holder	For ●AB15 end stop	100	NSYTRASB4
12	DIN rail 15 x 7.2 mm	Perforated, 2 m long	10	NSYTRADR155
13	Marking accessories (for all mini spring terminals)		Only for NSYTRABF●. See page 141	

#### General data

Strip length (mm)	8
Plate thickness (mm)	-
Hole diameter (mm)	-

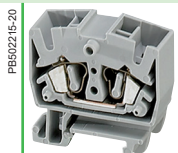
(1) ATEX and IECEx certifications pending.



# Linery TR

## Spring terminal blocks

### Earth



PB602215-20



PB602305-20

<b>NSYTRR24M</b>	<b>NSYTRR22MPE</b>		
2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>		
Passthrough	Protective earth		
1 pole - 2 x 2	1 pole - 1 x 1		
Grey	Green/Yellow		
800 V, 30 A	-		
32	32		
30	30		
10.4	5.2		
NS15 Din rail	NS15 Din rail		
2.5	2.5		
0.08 - 2.5	0.08 - 2.5		
0.08 - 4	0.08 - 4		
800 V, 24 A	-		
600 V, 20 A, 28 - 12 AWG	28 - 12 AWG		
600 V, 20 A, 28 - 12 AWG	28 - 12 AWG		
690 V, 22 A	-		
UL, CSA, EAC	UL, CSA, EAC		
<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
50	<b>NSYTRR24M</b>	50	<b>NSYTRR22MPE</b>
50	<b>NSYTRR24MBL</b>	-	-
-	-	-	-
50	<b>NSYTRAAB15</b>	50	<b>NSYTRAAB15</b>
50	<b>NSYTRACRM22</b>	50	<b>NSYTRACRM22</b>
-	-	-	-
10	<b>NSYTRALM22</b>	-	-
100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>
10	<b>NSYTRADR155</b>	10	<b>NSYTRADR155</b>
8		8	
-		-	
-		-	



## Linergy TR

### Spring terminal blocks

#### Spring terminal blocks - Miniature passthrough and miniature protective Earth

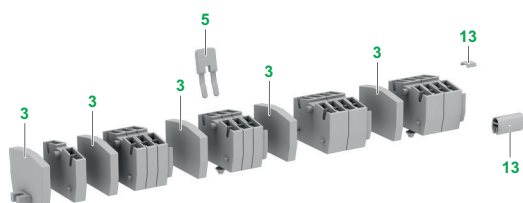
PB502216-20

For micro-perforated mounting plates



**NSYTRR22MP**

Nominal c.s.a.		2.5 mm <sup>2</sup>	
	Type of block	Passthrough	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		800 V, 30 A	
<b>Dimensions (mm)</b>			
	Length	32	
	Height	22	
	Width	5.2	
Mounting on		Pin mounting	
Cabling c.s.a. (mm <sup>2</sup> )		2.5	
	Flexible cable	0.08 - 2.5	
	Solid cable	0.08 - 4	
<b>Nominal electric values</b>			
	IEC/EN 60947-7-1	800 V, 24 A	
	UL	600 V, 20 A, 28 - 12 AWG	
	CSA	600 V, 20 A, 28 - 12 AWG	
	ATEX	550 V, 22 A	
Certifications (1)		UL, CSA, EAC	
<b>Terminal blocks</b>			
	Grey	Sold in lots of 50	Unit reference NSYTRR22MP
or	Blue	50	-
	Grey, with flange	-	-
<b>Accessories</b>			
1	End stop for 15 mm DIN rail	Clip-on, 5.2 mm	-
3	End plate, width 2.2 mm	Grey	50
		Grey, with flange	-
5	Insertion bridge	2-pole	-
		Grey	-
11	Marker tag holder	For  AB15 end stop	100
12	DIN rail 15 x 7.2 mm	Perforated, 2 m long	-
13	Marking accessories (for all mini spring terminals)		
<b>General data</b>			
	Strip length (mm)	8	
	Plate thickness (mm)	0.6 - 1.5	
	Hole diameter (mm)	3.5	



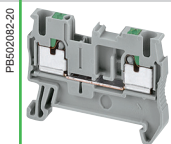

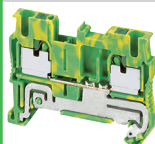
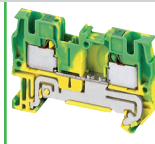



(1) ATEX and IECEx certifications pending.

(2) Can only be used at the end of a group of terminals.

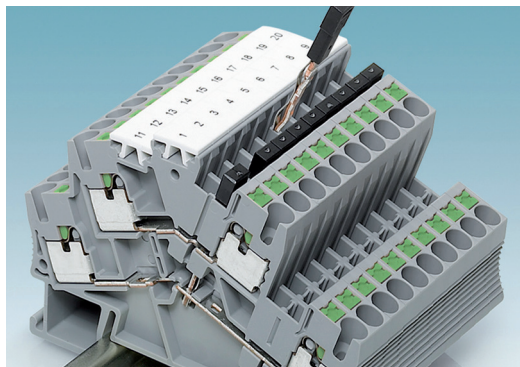


# Linergy TR

## Selection guide: push-in terminal blocks

Push-in		Passthrough		Protective earth	
		<b>Passthrough</b>			
					
Nominal c.s.a (mm <sup>2</sup> )		2.5	4	2.5	4
Number of poles	1 - 1 x 1	<b>NSYTRP22</b>	<b>NSYTRP42</b>	<b>NSYTRP22PE</b>	<b>NSYTRP42PE</b>
	1 - 1 x 2	<b>NSYTRP23</b>	<b>NSYTRP43</b>	<b>NSYTRP23PE</b>	<b>NSYTRP43PE</b>
	1 - 2 x 2	<b>NSYTRP24</b>	<b>NSYTRP44</b>	<b>NSYTRP24PE</b>	<b>NSYTRP44PE</b>
	1 - 2 x 4	-	-	-	-
	1 - 3 x 3	-	-	-	-
	2 - 1 x 1	-	-	-	-
	2 - 1 x 2	-	-	-	-
	3 - 1 x 1	-	-	-	-
Colours	Grey	■	■	-	-
	Blue	<b>NSYTRP22BL</b> <b>NSYTRP23BL</b> <b>NSYTRP24BL</b>	<b>NSYTRP42BL</b> <b>NSYTRP43BL</b> <b>NSYTRP44BL</b>	-	-
	Green/yellow (PE)	-	-	■	■
	Orange	<b>NSYTRP22AR</b> <b>NSYTRP23AR</b>	-	-	-
	Black	-	-	-	-
	With flange	-	-	-	-
	Mounting on	35 mm 	■	■	■
	35 mm 	■	■	■	■
	Telequick	-	-	-	-
	15 mm 	-	-	-	-
See pages		128/129	129/130	132	133

PB602360-70


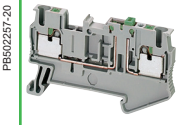
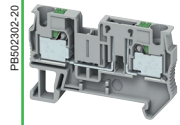
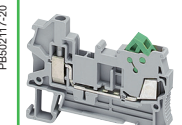
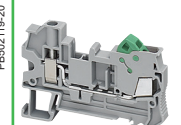


### Vertical bridge

The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRP24D** terminal block.

# Linery TR

## Selection guide: push-in terminal blocks

Double deck		Disconnect		Hybrid: Screw - IDC connection	
		Blade	Removable carrier	Passthrough	
					
2.5	2.5	2.5 & 4	1.5	2.5	
-	<b>NSYTRP22SC</b>	<b>NSYTRP22TB</b> <b>NSYTRP42TB</b>	<b>NSYTRH12</b>	<b>NSYTRH22</b>	
-	<b>NSYTRP23SC</b>	-	<b>NSYTRH13</b>	-	
-	<b>NSYTRP24SC</b>	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
<b>NSYTRP24D</b>	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
■	■	■	■	■	■
<b>NSYTRP24DBL</b>	-	-	-	-	-
<b>NSYTRP24DPE</b>	-	-	-	<b>NSYTRH12PE</b>	-
-	-	-	-	-	-
-	-	-	-	-	-
■	■	■	-	-	-
■	■	■	-	-	-
-	-	-	-	-	-
-	-	-	■	■	■
134	136/137	137	138/139	139	

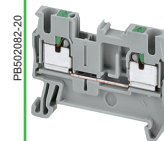




# Linergy TR

## Push-in terminal blocks

### Push-in terminal - Passthrough



PE602002-20

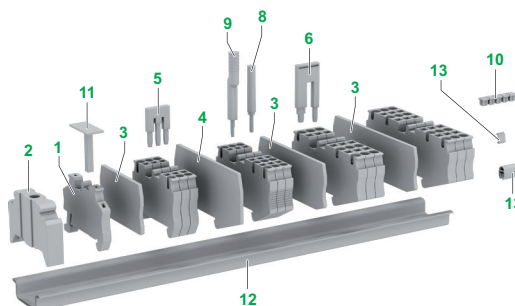
		<b>NSYTRP22</b>
Nominal c.s.a.	Nominal c.s.a.	2.5 mm <sup>2</sup>
	Type of block	Passthrough
	Type of connection	1 pole - 1 x 1
	Colour	Grey
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )	800 V, 30 A	
<b>Dimensions (mm)</b>		
	Length	48.5
	Height	36.5
	Width	5.2
Cabling c.s.a. (mm <sup>2</sup> )	Cabling c.s.a. (mm <sup>2</sup> )	2.5
	Flexible cable	0.14 - 2.5
	Solid cable	0.14 - 4
<b>Nominal electric values</b>		
	IEC/EN 60947-7-1	800 V, 24 A
	UL	600 V, 20 A, 24 -12 AWG
	CSA	600 V, 20 A, 24 -12 AWG
	ATEX	550 V, 22 A
Certifications	UL, CSA, VDE, ATEX, IECEX, GL, LR, EAC	

#### Terminal blocks



	Sold in lots of	Unit reference
Grey	50	NSYTRP22
Blue	50	NSYTRP22BL
Orange	50	NSYTRP22AR

#### Accessories



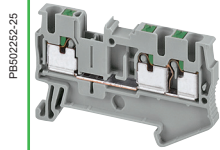
1	End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	
2	for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	
3	End plate	Grey	50	NSYTRACR22	
		width 2.2 mm Blue	50	NSYTRACR22BL	
4	Partition plate	Grey	50	NSYTRAPR42	
		width 2 mm Blue	-	-	
5	Plug-in bridge	Red	2-pole	50	NSYTRAL22
		3-pole	50	NSYTRAL23	
		4-pole	50	NSYTRAL24	
		5-pole	50	NSYTRAL25	
		10-pole	10	NSYTRAL210	
		20-pole	10	NSYTRAL220	
Blue	10-pole	Blue	10	NSYTRAL210BL	
		Grey	10	NSYTRAL210GR	
6	Step-down bridge, down to 2.5/4 mm <sup>2</sup>	Screw to screw terminal	-	-	
		Spring to spring terminal	-	-	
8	Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	
		Insulating sleeve, red	10	NSYTRAATP1	
9	Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	
11	Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	
12	DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	
13	Marking accessories		See page 142		

#### General data

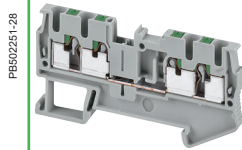
Strip length (mm)	10
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# Linergy TR

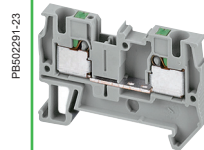
## Push-in terminal blocks



PE602291-25



PE602291-28



PE602291-23

<b>NSYTRP23</b>	<b>NSYTRP24</b>	<b>NSYTRP42</b>
2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>
Passthrough	Passthrough	Passthrough
1 pole - 1 x 2	1 pole - 2 x 2	1 pole - 1 x 1
Grey	Grey	Grey
800 V, 30 A	800 V, 30 A	800 V, 38 A

60.5	72	56
36.5	36.5	36.5
5.2	5.2	6.2
2.5	2.5	4
0.14 - 2.5	0.14 - 2.5	0.2 - 4
0.14 - 4	0.14 - 4	0.2 - 6

800 V, 24 A	800 V, 24 A	800 V, 32 A
600 V, 20 A, 24 -12 AWG	600 V, 20 A, 24 -12 AWG	600 V, 30 A, 24 - 10 AWG
600 V, 20 A, 24 -12 AWG	600 V, 20 A, 24 -12 AWG	600 V, 30 A, 24 - 10 AWG
550 V, 22 A	550 V, 22 A	550 V, 29 A
UL, CSA, VDE, ATEX, IECEX, GL, LR, EAC	UL, CSA, VDE, ATEX, IECEX, GL, LR, EAC	UL, CSA, ATEX, IECEX, GL, LR, EAC

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP23	50	NSYTRP24	50	NSYTRP42
50	NSYTRP23BL	50	NSYTRP24BL	50	NSYTRP42BL
50	NSYTRP23AR	-	-	-	-

50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR23	50	NSYTRACR24	50	NSYTRACR42
50	NSYTRACR23BL	50	NSYTRACR24BL	-	-
50	NSYTRAPR23	50	NSYTRAPR24	50	NSYTRAPR42
-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL420
10	NSYTRAL210BL	10	NSYTRAL210BL	10	NSYTRAL410BL
10	NSYTRAL210GR	10	NSYTRAL210GR	10	NSYTRAL410GR
-	-	-	-	-	-
-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD

10	10	12
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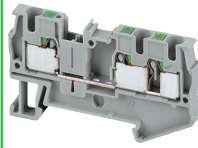


# Linery TR

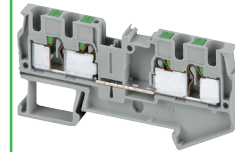
## Push-in terminal blocks

### Push-in terminal - Passthrough

PE502294-26



PE502297-30



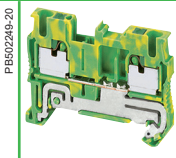
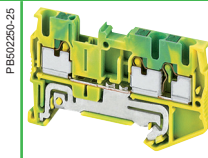
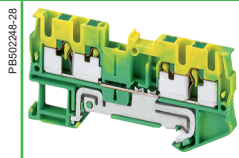


		NSYTTP43	NSYTTP44		
Nominal c.s.a.		4 mm <sup>2</sup>	4 mm <sup>2</sup>		
	Type of block	Passthrough	Passthrough		
	Type of connection	1 pole - 1 x 2	1 pole - 2 x 2		
	Colour	Grey	Grey		
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		800 V, 38 A	800 V, 38 A		
<b>Dimensions (mm)</b>					
	Length	66.5	77		
	Height	36.5	36.5		
	Width	6.2	6.2		
Cablings c.s.a. (mm <sup>2</sup> )		4	4		
	Flexible cable	0.2 - 4	0.2 - 4		
	Solid cable	0.2 - 6	0.2 - 6		
<b>Nominal electric values</b>					
	IEC/EN 60947-7-1	800 V, 32 A	800 V, 32 A		
	UL	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG		
	CSA	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG		
	ATEX	550 V, 29 A	550 V, 29 A		
Certifications		UL, CSA, ATEX, IECEx, GL, LR, EAC	UL, CSA, ATEX, IECEx, GL, LR, EAC		
<b>Terminal blocks</b>					
		<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
	Grey	50	NSYTTP43	50	NSYTTP44
	Blue	50	NSYTTP43BL	50	NSYTTP44BL
	Orange	-	-	-	-
<b>Accessories</b>					
End stop	Clip-on, 5.2 mm	50	NSYTRAAAB35	50	NSYTRAAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAAABV35	50	NSYTRAAABV35
End plate	Grey	50	NSYTRACP43	50	NSYTRACP44
width 2.2 mm	Blue	-	-	-	-
Partition plate	Grey	-	-	-	-
width 2 mm	Blue	-	-	-	-
Plug-in bridge	2-pole	50	NSYTRAL42	50	NSYTRAL42
Red	3-pole	50	NSYTRAL43	50	NSYTRAL43
	4-pole	50	NSYTRAL44	50	NSYTRAL44
	5-pole	50	NSYTRAL45	50	NSYTRAL45
	10-pole	10	NSYTRAL410	10	NSYTRAL410
	20-pole	10	NSYTRAL420	10	NSYTRAL420
Blue	10-pole	10	NSYTRAL410BL	10	NSYTRAL410BL
Grey	10-pole	10	NSYTRAL410GR	10	NSYTRAL410BL
Step-down bridge, down to 2.5/4 mm <sup>2</sup>	Screw to screw terminal	-	-	-	-
	Spring to spring terminal	-	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAF1	10	NSYTRAF1
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD
Marking accessories		See page 142			
<b>General data</b>					
	Strip length (mm)	12		12	



# Linery TR

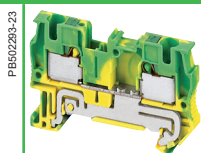
## Push-in terminal blocks

### Push-in terminal blocks - Protective earth

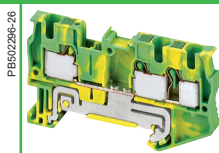
								
Nominal c.s.a.		<b>NSYTRP22PE</b> 2.5 mm <sup>2</sup>	<b>NSYTRP23PE</b> 2.5 mm <sup>2</sup>	<b>NSYTRP24PE</b> 2.5 mm <sup>2</sup>				
Type of block		Protective earth	Protective earth	Protective earth				
Type of connection		1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2				
Colour		Green/Yellow	Green/Yellow	Green/Yellow				
Max. electric values		-	-	-				
<b>Dimensions (mm)</b>								
Length		48.5	60.5	72				
Height		36.5	36.5	36.5				
Width		5.2	5.2	5.2				
Cabling c.s.a. (mm <sup>2</sup> )		2.5	2.5	2.5				
Flexible cable		0.08 - 2.5	0.08 - 2.5	0.08 - 2.5				
Solid cable		0.08 - 4	0.08 - 4	0.08 - 4				
<b>Nominal electric values</b>								
IEC/EN 60947-7-1		-	-	-				
UL		24 - 12 AWG	24 - 12 AWG	24 - 12 AWG				
CSA		24 - 12 AWG	24 - 12 AWG	24 - 12 AWG				
ATEX 		-	-	-				
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, EAC	UL, CSA, VDE, ATEX, IECEx, GL, LR, EAC				
<b>Terminal blocks</b>								
		<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	
Green/Yellow		50	<b>NSYTRP22PE</b>	50	<b>NSYTRP23PE</b>	50	<b>NSYTRP24PE</b>	
<b>Accessories</b>								
End stop		Clip-on, 5.2 mm	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>
for 35 mm DIN rail		With screw, 9.5 mm	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>
End plate, width 2.2 mm		Grey	50	<b>NSYTRACR22</b>	50	<b>NSYTRACR23</b>	50	<b>NSYTRACR24</b>
		Blue	50	<b>NSYTRACR22BL</b>	50	<b>NSYTRACR23BL</b>	50	<b>NSYTRACR24BL</b>
Partition plate, width 2 mm		Grey	50	<b>NSYTRAPR42</b>	50	<b>NSYTRAPR23</b>	50	<b>NSYTRAPR24</b>
		Blue	-	-	-	-	-	-
Plug-in bridge		2-pole	50	<b>NSYTRAL22</b>	50	<b>NSYTRAL22</b>	50	<b>NSYTRAL22</b>
Red		3-pole	50	<b>NSYTRAL23</b>	50	<b>NSYTRAL23</b>	50	<b>NSYTRAL23</b>
		4-pole	50	<b>NSYTRAL24</b>	50	<b>NSYTRAL24</b>	50	<b>NSYTRAL24</b>
		5-pole	50	<b>NSYTRAL25</b>	50	<b>NSYTRAL25</b>	50	<b>NSYTRAL25</b>
		10-pole	10	<b>NSYTRAL210</b>	10	<b>NSYTRAL210</b>	10	<b>NSYTRAL210</b>
		20-pole	10	<b>NSYTRAL220</b>	10	<b>NSYTRAL220</b>	10	<b>NSYTRAL220</b>
Test plug		Metallic part, Ø 2.3 mm	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>
		Insulating sleeve, red	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>
Test adaptor		For plug-in bridge shaft	10	<b>NSYTRAFT</b>	10	<b>NSYTRAFT</b>	10	<b>NSYTRAFT</b>
Marker tag holder		For ●AB35 end stop	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>
DIN rail 35 x 7.2 mm		Perforated, 2 m long	20	<b>NSYSDR200BD</b>	20	<b>NSYSDR200BD</b>	20	<b>NSYSDR200BD</b>
Marking accessories		See page 142						
<b>General data</b>								
Strip length (mm)		10		10		10		

# Linery TR

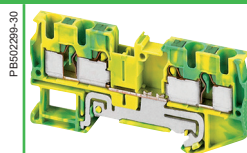
## Push-in terminal blocks



<b>NSYTRP42PE</b>
4 mm <sup>2</sup>
Protective earth
1 pole - 1 x 1
Green/Yellow
-



<b>NSYTRP43PE</b>
4 mm <sup>2</sup>
Protective earth
1 pole - 1 x 2
Green/Yellow
-



<b>NSYTRP44PE</b>
4 mm <sup>2</sup>
Protective earth
1 pole - 2 x 2
Green/Yellow
-

56	66.5	77
36.5	36.5	36.5
6.2	6.2	6.2
4	4	4
0.08 - 4	0.08 - 4	0.08 - 4
0.08 - 6	0.08 - 6	0.08 - 6
-	-	-
24 - 10 AWG	24 - 10 AWG	24 - 10 AWG
24 - 10 AWG	24 - 10 AWG	24 - 10 AWG
-	-	-
UL, CSA, ATEX, IECEx, GL, LR, EAC	UL, CSA, ATEX, IECEx, GL, LR, EAC	UL, CSA, ATEX, IECEx, GL, LR, EAC

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP42PE	50	NSYTRP43PE	50	NSYTRP44PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACP43	50	NSYTRACP44
-	-	-	-	-	-
50	NSYTRAPR42	-	-	-	-
-	-	-	-	-	-
50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42
50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43
50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44
50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45
10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410
10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

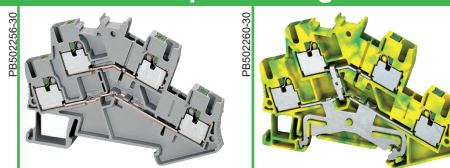
12	12	12
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## Linergy TR

### Push-in terminal blocks

#### Push-in terminal blocks - Double deck passthrough



	NSYTRP24D	NSYTRP24DPE
Nominal c.s.a.	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>
Type of block	Passthrough - Double deck	Protective earth - Double deck
Type of connection	2 pole - 1 x 1	1 pole - 2 x 2
Colour	Grey	Green/Yellow
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )	500 V, 24 A	-
<b>Dimensions (mm)</b>		
Length	78	78
Height	55	55
Width	5.2	5.2
Cabling c.s.a. (mm <sup>2</sup> )	2.5	2.5
Flexible cable	0.14 - 2.5	0.14 - 2.5
Solid cable	0.14 - 4	0.14 - 4
<b>Nominal electric values</b>		
IEC/EN 60947-7-1	500 V, 22 A	-
UL	600 V, 20 A, 26 - 12 AWG	26 - 12 AWG
CSA	600 V, 20 A, 26 - 12 AWG	26 - 12 AWG
ATEX	-	-
Certifications (1)	UL, CSA, VDE, GL, LR, DNV, EAC	UL, CSA, VDE, GL, LR, DNV, EAC

#### Terminal blocks

	Sold in lots of	Unit reference	Sold in lots of	Unit reference
Grey	50	NSYTRP24D	50	NSYTRP24DPE
Blue	50	NSYTRP24DBL	-	-

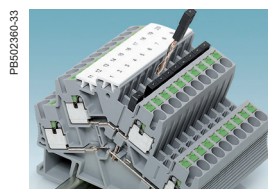
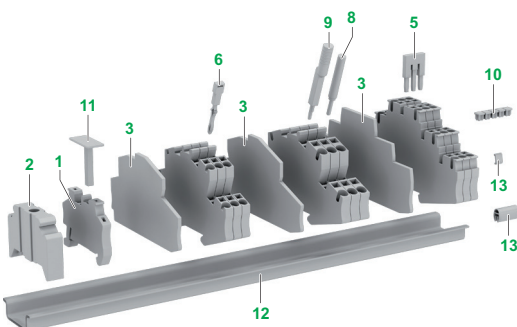
#### Accessories

1 End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
2 for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
3 End plate, width 2.2 mm	Grey	50	NSYTRACRE24	50	NSYTRACRE24
	Blue	-	-	-	-
5 Plug-in bridge	2-pole	50	NSYTRAL22	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL220
6 Vertical bridge 1-pole		50	NSYTRALV24R	-	-
8 Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
9 Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
11 Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
12 DIN rail	Perforated, 2 m long 35 x 7.2 mm	20	NSYSR200BD	20	NSYSR200BD
13 Marking accessories		See page 142			

#### General data

Strip length (mm)	10	10
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(1) ATEX and IECEx certifications pending.

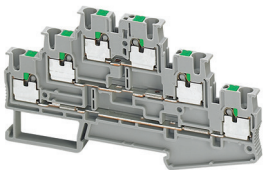


The NSYTRALV24R vertical bridge offers the option of connecting both levels of the standard double deck NSYTRP24D terminal block.

# Linery TR

## Push-in terminal blocks

PE6028 16-35



### NSYTRP26T

2.5 mm<sup>2</sup>

Passthrough - 3 Levels

3 pole - 1 x 1

Grey

500 V, 24 A

102

58

5.2

2.5

0.14 - 2.5

0.14 - 4

500 V, 20 A

300 V, 20 A, 26 -12 AWG

300 V, 20 A, 26 -12 AWG

-

UL, CSA, EAC

#### Sold in lots of

#### Unit reference

50

NSYTRP26T

50

-

50

NSYTRAAB35

50

NSYTRAABV35

50

NSYTRACPE26

-

-

50

NSYTRAL22

50

NSYTRAL23

50

NSYTRAL24

50

NSYTRAL25

10

NSYTRAL210

10

NSYTRAL220

-

-

10

NSYTRAATM1

10

NSYTRAATP1

10

NSYTRAFT

100

NSYTRASB4

20

NSYSDR200BD

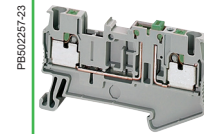
10



# Linery TR

## Push-in terminal blocks

### Push-in terminal blocks - Disconnect



		<b>NSYTRP22SC</b>
Nominal c.s.a.		2.5 mm <sup>2</sup>
	Type of block	Disconnect (blade)
	Type of connection	1 pole - 1 x 1
	Colour	Grey
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		400 V, 20 A

<b>Dimensions (mm)</b>		
	Length	62
	Height	36.5
	Width	5.2
Cabling c.s.a. (mm <sup>2</sup> )		2.5
	Flexible cable	0.14 - 2.5
	Solid cable	0.14 - 4

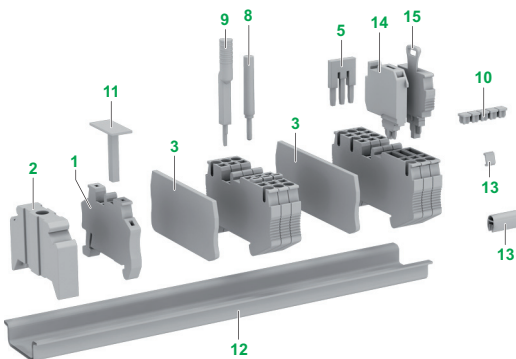
<b>Nominal electric values</b>		
	IEC/EN 60947-7-1	400 V, 20 A
	UL	300 V, 20 A, 26 - 12 AWG
	CSA	300 V, 20 A, 26 - 12 AWG
	ATEX Ⓢ	-

Certifications	UL, CSA, VDE, GL, LR, EAC
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<b>Terminal blocks</b>			
	Grey	Sold in lots of	Unit reference
		50	NSYTRP22SC

<b>Accessories</b>				
1	End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
2	for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
3	End plate, width 2.2 mm	Grey	50	NSYTRACPK22
		Blue	-	-
4	Partition plate, width 2 mm	Grey	50	NSYTRAPR23
		Blue	-	-
5	Plug-in bridge	Red	50	NSYTRAL22
		2-pole	50	NSYTRAL23
		3-pole	50	NSYTRAL24
		4-pole	50	NSYTRAL25
		5-pole	10	NSYTRAL210
		20-pole	10	NSYTRAL220
14	Removable carrier width 6.1 mm	For fuse 5 x 20 mm	-	
		For fuse 5 x 20 mm 110 V	-	
		For fuse 5 x 20 mm 12 V	-	
15	Removable carrier width 5.1 mm	For component	-	
		With 1N4007 diode	-	
8	Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
		Insulating sleeve, red	10	NSYTRAATP1
9	Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
11	Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
12	DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
13	Marking accessories		See page 142	

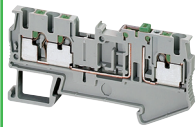
<b>General data</b>		
	Strip length (mm)	10



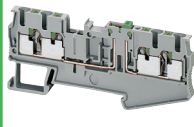
# Linery TR

## Push-in terminal blocks

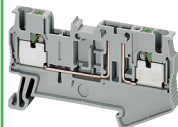
PB602261-25



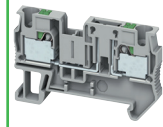
PB602261-25



PB602258-23



PB602302-20



NSYTRP23SC	NSYTRP24SC	NSYTRP22TB	NSYTRP42TB
2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>
Disconnect (blade)	Disconnect (blade)	Disconnect (for carrier)	Disconnect (for carrier)
1 pole - 1 x 2	1 pole - 2 x 2	1 pole - 1 x 1	1 pole - 1 x 1
Grey	Grey	Grey	Grey
400 V, 20 A	400 V, 20 A	400 V, 20 A	400 V, 20 A
72	72	62	56
36.5	36.5	36.5	36.5
5.2	5.2	5.2	6.2
2.5	2.5	2.5	4
0.14 - 2.5	0.14 - 2.5	0.14 - 2.5	0.2 - 4
0.14 - 4	0.14 - 4	0.14 - 4	0.2 - 6
400 V, 20 A	400 V, 20 A	400 V, 20 A	400 V, 20 A
300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 24 -12 AWG
300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 24 -12 AWG
-	-	-	-
UL, CSA, VDE, GL, LR, EAC	UL, CSA, VDE, GL, LR, EAC	UL, CSA, VDE, GL, LR, EAC	UL, CSA, VDE, GL, EAC

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP23SC	50	NSYTRP24SC	50	NSYTRP22TB	50	NSYTRP42TB
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACPK23	50	NSYTRACPK24	50	NSYTRACPK22	50	NSYTRACR42
-	-	-	-	-	-	-	-
50	NSYTRAPR24	-	-	-	-	50	NSYTRAPR24
-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL420
-	-	-	-	10	NSYTRASF520	10	NSYTRASF520
-	-	-	-	10	NSYTRASF520M	10	NSYTRASF520M
-	-	-	-	10	NSYTRASF520B	10	NSYTRASF520B
-	-	-	-	10	NSYTRASV1	10	NSYTRASV1
-	-	-	-	10	NSYTRASV2	10	NSYTRASV2
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

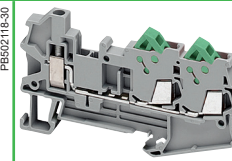
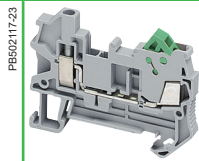
10	10	10	10
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# Linery TR

## Hybrid terminal blocks

### Hybrid terminal blocks - Passthrough



		NSYTRH12	NSYTRH13
Nominal c.s.a.		1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>
	Type of block	Passthrough	Passthrough
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2 (1 screw x 2 IDC)
	Colour	Grey	Grey
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )		800 V, 17 A	800 V, 17 A
<b>Dimensions (mm)</b>			
	Length	58.8	76.4
	Height	42.8	42.8
	Width	5.2	5.2
Cabling c.s.a. (mm <sup>2</sup> )	IDC connection	1.5	1.5
	Flexible cable	0.5 - 1.5	0.5 - 1.5
Cabling c.s.a. (mm <sup>2</sup> )	Screw connection	1.5	1.5
	Flexible cable	0.14 - 2.5	0.14 - 2.5
	Solid cable	0.14 - 4	0.14 - 4
<b>Nominal electric values</b>			
	IEC/EN 60947-7-1	800 V, 17 A	800 V, 17 A
	UL	600 V, 10 A, 24 - 16 AWG	600 V, 10 A, 24 - 16 AWG
	CSA	600 V, 10 A, 24 - 16 AWG	600 V, 10 A, 24 - 16 AWG
	ATEX Ⓜ	550 V, 16.5 A	550 V, 16.5 A
Certifications		UL, CSA, ATEX, IECEx, EAC	UL, CSA, ATEX, IECEx, EAC

#### Terminal blocks

		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRH12	50	NSYTRH13

#### Accessories

End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACH12	50	NSYTRACH13
	Blue	-	-	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAPD12	50	NSYTRAPD13
	Blue	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL220
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD

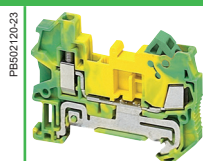
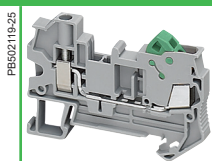
Marking accessories See page 142

#### General data

Strip length (mm)	9	9
Screw thread	M3	M3
Torque (Nm)	0.5 - 0.6	0.6 - 0.8

# Linery TR

## Hybrid terminal blocks



<b>NSYTRH22</b>	<b>NSYTRH12PE</b>
2.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>
Passthrough	Protective earth
1 pole - 1 x 1	1 pole - 1 x 1
Grey	Green/Yellow
800 V, 24 A	-
62.6	58.8
42.8	42.8
6.2	5.2
2.5	1.5
0.5 - 2.5	0.5 - 1.5
2.5	1.5
0.14 - 4	0.14 - 2.5
0.14 - 6	0.14 - 4
800 V, 24 A	-
600 V, 15 A, 20 - 14 AWG	24 - 16 AWG
600 V, 15 A, 20 - 14 AWG	24 - 16 AWG
550 V, 22 A	-
UL, CSA, ATEX, IECEx, EAC	UL, CSA, ATEX, IECEx, EAC





Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	<b>NSYTRH22</b>	50	<b>NSYTRH12PE</b>
50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>
50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>
50	<b>NSYTRACH22</b>	50	<b>NSYTRACH12</b>
-	-	-	-
-	-	50	<b>NSYTRAPD12</b>
-	-	-	-
50	<b>NSYTRAL42</b>	50	<b>NSYTRAL22</b>
50	<b>NSYTRAL43</b>	50	<b>NSYTRAL23</b>
50	<b>NSYTRAL44</b>	50	<b>NSYTRAL24</b>
50	<b>NSYTRAL45</b>	50	<b>NSYTRAL25</b>
10	<b>NSYTRAL410</b>	10	<b>NSYTRAL210</b>
10	<b>NSYTRAL420</b>	10	<b>NSYTRAL220</b>
10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>
10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>
10	<b>NSYTRAFT</b>	10	<b>NSYTRAFT</b>
100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>
20	<b>NSYSR200BD</b>	20	<b>NSYSR200BD</b>

10	14
M4	M5
1.5 - 1.8	2.5 - 3






# Linery TR Accessories





## Accessories

		 PB502168-18	 PB502210-18	 PB502202-36	 PB502202-36				
<b>Test accessories</b>		<b>NSYTRRAFT</b>	<b>NSYTRRAFT●●</b>	<b>NSYTRAATM1</b>	<b>NSYTRAATP1</b>				
Description		Test adapter for Ø 4 mm test plugs	Snap-on test adapter for Ø 4 mm test plugs	Test adapter - metallic part Ø 2.3 mm	Test adapter - plastic part Ø 2.3 mm				
Dimensions W / D / H (mm)		6 / 6.5 / 51 mm	6 / 6.5 / 51 mm	5 / 5 / 10.8 mm	5 / 5 / 20 mm				
Material		Polyamide (PA 6.6)	Polyamide (PA 6.6)	Silver-plated brass	Polyamide (PA 6.6)				
Colour		Grey	Orange / Yellow / Green	Silver	Red				
Inflammability class acc. to UL 94		V0	V0	-	V0				
Temperature range (°C)		-40 ... +125	-40 ... +125	-40 ... +125	-40 ... +125				
Compatibility		For 2.5 mm <sup>2</sup> , 4 mm <sup>2</sup> & 6 mm <sup>2</sup> terminals	For 6 mm <sup>2</sup> terminals	For 2.5 mm <sup>2</sup> , 4 mm <sup>2</sup> & 6 mm <sup>2</sup> terminals	-				
For terminal block width		5.2 mm; 6.2 mm & 8.2 mm	8.2 mm	5.2 mm; 6.2 mm & 8.2 mm	-				
Mounting position		Plugs in bridge shafts	Plugs in bridge shafts Cannot be removed	Plugs in bridge shafts For 2.3 mm Ø socket hole	For <b>NSYTRAATM1</b> metal part				
<b>Marking strips</b>									
		<b>Sold in lots of</b>	<b>Unit Reference</b>	<b>Sold in lots of</b>	<b>Unit Reference</b>	<b>Sold in lots of</b>	<b>Unit Reference</b>	<b>Sold in lots of</b>	<b>Unit Reference</b>
Color	Grey	10	<b>NSYTRRAFT</b>	-	-	10	<b>NSYTRAATM1</b>	-	-
	Orange	-	-	10	-	-	-	-	-
	Yellow	-	-	10	<b>NSYTRRAFTYE</b>	-	-	-	-
	Green	-	-	10	<b>NSYTRRAFTGN</b>	-	-	-	-
	Red	-	-	-	-	-	-	10	<b>NSYTRAATP1</b>

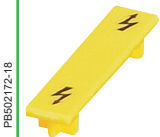


## Accessories

		 PB502123-20	 PB502124-20	 PB502122-18					
<b>Insulation accessories</b>		<b>NSYTRAAB35</b>	<b>NSYTRAABV35</b>	<b>NSYTRAAB15</b>					
Description		End stop, clip-on	End stop, with screw	End stop, clip-on					
Dimensions W / D / H (mm)		5.2 / 48.5 / 35	9.5 / 48.6 / 32.8	5.2 / 22 / 22.6 mm					
Material		Polyamide (PA)	Polyamide (PA)	Polyamide (PA)					
Colour		Grey	Grey	Grey					
Inflammability class acc. to UL 94		V2	V2	V2					
Temperature range (°C)		-40 ... +100	-40 ... +100	-40 ... +100					
Compatibility		For NS 35/7.5 or NS 35/15 DIN rail	For NS 35/7.5 or NS 35/15 DIN rail	For NS 15 DIN rail					
For terminal block width		-	-	-					
Mounting position		Markable with <b>NSYTRABF5●</b> strips	Markable with <b>NSYTRAB8●</b> strips	Markable with <b>NSYTRABF5●</b> strips					
<b>Marking strips</b>									
		<b>Sold in lots of</b>	<b>Unit Reference</b>	<b>Sold in lots of</b>	<b>Unit Reference</b>	<b>Sold in lots of</b>	<b>Unit Reference</b>	<b>Sold in lots of</b>	<b>Unit Reference</b>
Color	Grey	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAAB15</b>	-	-
	Orange	-	-	-	-	-	-	-	-
	Yellow	-	-	-	-	-	-	-	-

## Lineryy TR Accessories

			
<b>NSYTRAF2 / 4 / 6</b>	<b>NSYTRAPT16 / 35</b>	<b>NSYTRASV●</b>	<b>NSYTRASF520●</b>
Modular test plug with 1.5 mm <sup>2</sup> spring cage connection	Pick-off terminal blocks. For connecting 2.5 mm <sup>2</sup> cables to 16 & 35 mm <sup>2</sup> terminals	Removable component carrier - with spring cage contact - 6 A max	Removable fuse carrier For fuse 5 x 20 mm - 6 A max
5.2 (6.2; 8.2) / 22.4 / 60 mm	8.2 / 20.7 / 34.7	5.1 / 24 / 22 mm	6.1 / 28 / 25 mm
Polyamide (PA 6.6)	Polyamide (PA 6.6)	Polyamide (PA 6.6)	Polyamide (PA 6.6)
Red	Grey	Grey	Black
V0	V0	V0	V0
-40 ... +125	-40 ... +125	-40 ... +125	-40 ... +125
<b>NSYTRAF2</b> - for 2.5 mm <sup>2</sup> terminals	For 16 mm <sup>2</sup> & 35 mm <sup>2</sup> terminals In = 32 A	For all disconnect terminals	For 4 mm <sup>2</sup> disconnect terminals Only for individual 2.5 mm <sup>2</sup> disconnect terminals
<b>NSYTRAF2</b> - 5.2 mm	12.2 mm & 16 mm	5.2 mm & 6.2 mm	6.2 mm (& 5.2 mm)
Plugs in bridge shafts Markable with <b>NSYTRABF●●</b> strips	Snapp-in the lateral guide of the terminal Markable with <b>NSYTRAB10●</b> strips	Plugs in the disconnect area Markable with <b>NSYTRABF5●</b> strips	Plugs in the disconnect area Markable with <b>NSYTRAB6●</b> strips Only for single 5.2 mm terminal blocks



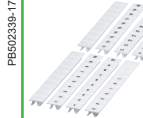
Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference
-	-	10	<b>NSYTRAPT16</b>	10	<b>NSYTRASV1</b> for component	10	<b>NSYTRASF520</b>
-	-	10	-	10	<b>NSYTRASV2</b> with 1N4007 diode	10	<b>NSYTRASF520M</b> with LED 110-250V
-	-	-	-	-	-	-	<b>NSYTRASF520B</b> with LED 11-30 V
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	<b>NSYTRAF2</b>	-	-	-	-	-	-
10	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-

		
<b>NSYTRACS●</b>	<b>NSYTRACSR●</b>	<b>NSYTRASB4</b>
Warning label for screw terminals	Warning cover for spring and push-in terminals	Terminal strip marker carrier, height-adjustable
-	-	10 / 22 / 27
Polyamide	Polyamide	Polyamide
Yellow	Yellow	Grey
V0	V2	V2
-40 ... +125	-40 ... +100	-40 ... +100
Only for screw terminal from 2.5 mm <sup>2</sup> up to 35 mm <sup>2</sup>	Only for spring or push-in terminal from 2.5 mm <sup>2</sup> up to 35 mm <sup>2</sup>	For <b>NSYTRAAB35</b> , <b>NSYTRAABV35</b> & <b>NSYTRAAB15</b> end stop
5.2 / 6.2 / 8.2 / 10.2 / 12 / 16 mm	5.2 / 6.2 / 8.2 / 10.2 / 12 / 16 mm	-
The warning label snap into the screw shafts of the relevant terminal	The warning cover snap into the actuation shafts of the relevant terminal	Snap into the shaft of the end stop Markable with <b>LA9D91</b> or <b>LA9D93</b> labels

Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference
-	-	-	-	100	<b>NSYTRASB4</b>
-	-	-	-	-	-
10	<b>NSYTRACS2</b>	10	<b>NSYTRACSR2</b>	-	-
10	<b>NSYTRACS4</b>	10	-	-	-
10	<b>NSYTRACS6</b>	10	<b>NSYTRACSR6</b>	-	-
10	<b>NSYTRACS10</b>	10	<b>NSYTRACSR10</b>	-	-
10	<b>NSYTRACS16</b>	-	-	-	-
10	<b>NSYTRACS35</b>	-	-	-	-




## Linery TR Marking accessories

### Marking accessories

			
<b>Clip-in marker strips</b>	<b>NSYTRAB5●</b>	<b>NSYTRAB6●</b>	<b>NSYTRAB8●</b>
Description	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally
Material	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)
Colour	Black markings on white background	Black markings on white background	Black markings on white background
Inflammability class acc. to UL 94	V2	V2	V2
Temperature range (°C)	-40 ... +100	-40 ... +100	-40 ... +100
Compatibility	For all 2,5 mm <sup>2</sup> terminal blocks For 10 mm <sup>2</sup> TBs: 2 marking elements for 1 terminal	For all 4 mm <sup>2</sup> terminal blocks For 16 mm <sup>2</sup> TBs: 2 marking elements for 1 terminal	For 6 mm <sup>2</sup> TBs: <b>NSY TRV / TRR</b> For 35 mm <sup>2</sup> TBs: 2 marking elements for 1 terminal
For terminal block width	5.2 mm	6.2 mm	8.2 mm
Mounting position	Lateral sides for <b>NSYTRV</b> terminal blocks Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks	Lateral sides for <b>NSYTRV</b> terminal blocks Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks	Lateral sides for <b>NSYTRV</b> terminal blocks Central shaft for <b>NSYTRR / NSYTRP</b> terminal blocks

<b>Marking strips</b>						
Printed characters	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
1 .... 10	10	NSYTRAB510	10	NSYTRAB610	10	NSYTRAB810
11 .... 20	10	NSYTRAB520	10	NSYTRAB620	10	NSYTRAB820
21 .... 30	10	NSYTRAB530	10	NSYTRAB630	10	NSYTRAB830
31 .... 40	10	NSYTRAB540	10	NSYTRAB640	10	NSYTRAB840
41 .... 50	10	NSYTRAB550	10	NSYTRAB650	10	NSYTRAB850
51 .... 60	10	NSYTRAB560	10	NSYTRAB660	10	NSYTRAB860
61 .... 70	10	NSYTRAB570	10	NSYTRAB670	10	NSYTRAB870
71 .... 80	10	NSYTRAB580	10	NSYTRAB680	10	NSYTRAB880
81 .... 90	10	NSYTRAB590	10	NSYTRAB690	10	NSYTRAB890
91 .... 100	10	NSYTRAB5100	10	NSYTRAB6100	10	NSYTRAB8100
1 .... 100 (1 - 10; 11 -20; ... 91 - 100)	100	NSYTRAB51100	100	NSYTRAB61100	-	-
L1, L2, L3, N, PE, L1, L2, L3, N, PE	10	NSYTRAB5L1N	10	NSYTRAB6L1N	-	-
Letters (A to Z)	-	-	-	-	-	-
Numbers (0 to 9)	-	-	-	-	-	-

### Marking cards

						
<b>Blank marking cards</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
72 characters (6 strips)	10	NSYTRABPV5	-	-	-	-
60 characters (6 strips)	-	-	10	NSYTRABPV6	-	-
42 characters (6 strips)	-	-	-	-	10	NSYTRABPV8

### Marking cards for AB1/DB6 terminals and Multi9 Acti9 range (2)

Blank (60 characters max.)	-	-	10	NSYTRAXPV6	-	-
31 .... 40 (6 strips)	-	-	10	-	-	-
41 .... 50 (6 strips)	-	-	10	NSYTRAXPV650	-	-
L1, L2, L3 (60 characters max.)	-	-	10	-	-	-

### Accessories

Plotter adapter for marking cards	1	NSYTRABMP1	1	NSYTRABMP1	1	NSYTRABMP1
-----------------------------------	---	------------	---	------------	---	------------

(1) For 16mm<sup>2</sup> terminal blocks or bigger, the strip must be broken and use the individual marking characters.



(2) Only for AB1 terminal blocks 4mm<sup>2</sup>; and for Multi9 Acti9 range. Can't be used in NSYTR terminals.

(3) Complete the reference by replacing the dot with the required letter. Each lot includes 10 strips with 10 letters each.



(4) Complete the reference by replacing the dot with the required number. Each lot includes 10 strips with 10 numbers each.

# Linery TR

## Marking accessories

PB502340-16 	PB502350-20 	
<b>NSYTRAB10●</b>	<b>NSYTRABF5●</b>	<b>NSYTRABF6●</b>
10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally
Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)
Black markings on white background	Black markings on white background	Black markings on white background
V2	V2	V2
-40 ... +100	-40 ... +100	-40 ... +100
For $\geq 10 \text{ mm}^2$ TBs: <b>NSY TRV / TRR</b>	For all $2,5 \text{ mm}^2$ terminal blocks For $10 \text{ mm}^2$ TBs: 2 marking elements for 1 terminal.	For all $4 \text{ mm}^2$ terminal blocks For $16 \text{ mm}^2$ TBs: 2 marking elements for 1 terminal.
$\geq 10.2 \text{ mm}$ (1)	5.2 mm	6.2 mm
Lateral sides for <b>NSYTRV</b> terminal blocks Central shaft for <b>NSYTRR / NSYTRP</b> terminal blocks	Lateral sides for all <b>NSYTR</b> terminal blocks	Lateral sides for all <b>NSYTR</b> terminal blocks

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
10	<b>NSYTRAB1010</b>	10	<b>NSYTRABF510</b>	10	<b>NSYTRABF610</b>
10	<b>NSYTRAB1020</b>	10	<b>NSYTRABF520</b>	10	-
10	<b>NSYTRAB1030</b>	10	<b>NSYTRABF530</b>	10	<b>NSYTRABF630</b>
10	<b>NSYTRAB1040</b>	10	<b>NSYTRABF540</b>	10	<b>NSYTRABF640</b>
10	<b>NSYTRAB1050</b>	10	<b>NSYTRABF550</b>	10	<b>NSYTRABF650</b>
10	<b>NSYTRAB1060</b>	-	-	-	-
10	<b>NSYTRAB1070</b>	-	-	-	-
10	<b>NSYTRAB1080</b>	-	-	-	-
10	<b>NSYTRAB1090</b>	-	-	-	-
10	<b>NSYTRAB10100</b>	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	10	<b>NSYTRABF5● (3)</b>	-	-
-	-	10	<b>NSYTRABF5● (4)</b>	10	<b>NSYTRABF6● (4)</b>

		PB502341-26 		PB502342-26 	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
-	-	10	<b>NSYTRABFPV5</b>	-	-
-	-	-	-	10	<b>NSYTRABFPV6</b>
-	-	-	-	10	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	1	-	1	-



# Linery TR

## Marking accessories

### Marking accessories

PB502201-20



		<b>NSYTRABCV●</b>
		<b>Marking collars for cables</b>
Description		Open marker carrier, 15 mm wide, for clipping into wire
	Material	PVC (Siliconfree)
	Colour	White marker with transparent sleeve
	Inflammability class according to UL 94	V0
	Temperature range [°C]	-50 ... +80
Compatibility		For conductor diameter 2 mm up to 8 mm
	Mounting position	Clip-on to the cable
	Marking elements	With any of the <b>NSYTRABCP●</b> marking elements

#### Marking collars and inserts

Marking collars		Sold in lots of	Unit reference
for conductor diameter	2 to 3.5 mm	500	<b>NSYTRABCV23</b>
	3 to 5 mm	500	<b>NSYTRABCV35</b>
	5 to 8 mm	500	<b>NSYTRABCV58</b>

#### Marking inserts, A4 format, perforated

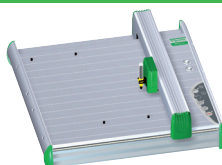
Colour			
Colour	White	-	-
	Yellow	-	-
	Red	-	-
	Blue	-	-

#### Marking card with 50 inserts

Colour			
Colour	White	-	-

### Marking accessories

PB502351-30



		<b>NSYTRAPLOT</b>
		<b>Plotter</b>
		<ul style="list-style-type: none"> <li>■ A flexible plotter that helps you label marking elements quickly and easily.</li> <li>■ Rugged construction in stylish aluminium</li> <li>■ Easy to change fixtures to suit a variety of marking elements</li> <li>■ Auto calibration no adjustment necessary</li> <li>■ Including <b>NSYTRA BMP1 / BMP2</b> adaptor plates, 0.25 &amp; 0.35 mm black pens, Spacial.print software, power supply, connecting cables, user manual</li> </ul>
Printing area		A4
Input voltage/ frequency		100 - 240 V AC, 50/60 Hz
Interface		USB 2.0
Operating system		MS Windows XP/Vista/7
Compatibility		For all <b>NSYTR</b> blank marking cards

#### Marking collars and inserts

Marking plotter		Sold in lots of	Unit reference
Colour	Grey	1	<b>NSYTRAPLOT</b>



#### Accessories

Adaptor plates		Sold in lots of	Unit reference
For <b>NSYTRABPV●</b> ; <b>NSYTRAXPV*</b> and <b>NSYTRABCP5</b> marking cards	For <b>NSYTRABPV●</b> ; <b>NSYTRAXPV*</b> and <b>NSYTRABCP5</b> marking cards	1	<b>NSYTRABMP1</b>
	For <b>NSYTRAFBPV●</b> marking cards	1	-
	For <b>ZBY●</b> marking elements <sup>1</sup>	1	-
Pen, disposable	0.18 mm line, black	1	-
	0.25 mm line, black	1	<b>NSYTRAPEN2</b>
	0.35 mm line, black	1	<b>NSYTRAPEN3</b>



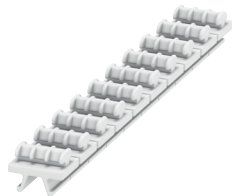
(1) Can print **ZBY0102**; **ZBY0501** and **ZBY0502** marking elements and all marking sheets: **NSYTRABCV●**; **ZBY4100**; **ZBY001**; **ZBY5100** and **ZBY1101**.

# Linery TR

## Marking accessories

PB602362-26		PB602201-32	
<b>NSYTRABC●</b>		<b>NSYTRABCP5</b>	
<b>Marking inserts for collars</b>		<b>Marking card for collars</b>	
360 inserts for marking collars, A4 format, perforated 15 x 4 mm inserts		Marking card with 50 inserts for marking collars 15 x 4 mm inserts	
Polyester (Silicone and halogen free)		Polycarbonate	
White, yellow, red or blue		White	
V0		V0	
40 ... +100		-40 ... +120	
For all <b>NSYTRABCV●</b> marking collars		For all <b>NSYTRABCV●</b> marking collars	
Slides inside the collar sleeve		Slides inside the collar sleeve	
Can be printed with any office printer, plotter or pen		Can be printed with plotter or pen	
<b>Sold in lots of</b>	<b>Unit reference</b>	<b>Sold in lots of</b>	<b>Unit reference</b>
-	-	-	-
-	-	-	-
-	-	-	-
10	<b>NSYTRABCP1</b>	-	-
10	-	-	-
10	-	-	-
10	-	-	-
-	-	10	<b>NSYTRABCP5</b>

### Marking accessories

PB602360-22		PB602361-25		PB602362-30	
<b>Marking adaptors</b>					
<b>Description</b>		Adaptor for AB1R● marking elements. Can adapt maximum 3 AB1R● elements on a NSYTR terminal	Adaptor for AB1R● marking elements. Can adapt maximum 3 AB1R● elements on a NSYTR terminal	Adaptor for AB1R● marking elements. Can adapt maximum 3 AB1R● elements on a NSYTR terminal	
<b>Material</b>		Polyamide	Polyamide	Polyamide	
<b>Colour</b>		White	White	White	
<b>Inflammability class acc. to UL 94</b>		V2	V2	V2	
<b>Temperature range (°C)</b>		-40 ... +100	-40 ... +100	-40 ... +100	
<b>Compatibility</b>		For 2.5 mm² TBs: <b>NSY TRV / TRR / TRP / TRH</b>	For 4 mm² TBs: <b>NSY TRV / TRR / TRP / TRH</b>	For 6 mm² TBs: <b>NSY TRV / TRR / TRP / TRH</b>	
<b>For terminal block width</b>		5.2 mm	6.2 mm	8.2 mm	
<b>Mounting position</b>		Lateral sides for <b>NSYTRV</b> terminal blocks Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks	Lateral sides for <b>NSYTRV</b> terminal blocks Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks	Lateral sides for <b>NSYTRV</b> terminal blocks Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks	
<b>Marking strips</b>					
<b>Sold in lots of</b>		10	10	10	
<b>Unit reference</b>		-	-	-	



## Linergy TR

### Marking accessories

#### Strips of clip-in markers for adapters (1) (2) (3)

816254		816255		816256		816257	
<b>AB1 R11</b>		<b>AB1 R11</b>		<b>AB1 G1</b>		<b>AB1 G1</b>	
10 identical numbers (or symbols)		10 numbers 0 to 9		10 identical capital letters		10 identical capital letters	
Sold in lots of 25 identical strips		25 identical strips		25 identical strips		25 identical strips	
Marking	Unit reference	Marking	Unit reference	Marking	Unit reference	Marking	Unit reference
Blank	AB1RV	0...9	AB1 R11	A	AB1GA	N	AB1GN
1	AB1R1			B	AB1GB	O	AB1GO
2	AB1R2			C	AB1GC	P	AB1GP
3	AB1R3			D	AB1GD	Q	AB1GQ
4	AB1R4			E	AB1GE	R	AB1GR
5	AB1R5			F	AB1GF	S	AB1GS
6	AB1R6			G	AB1GG	T	AB1GT
7	AB1R7			H	AB1GH	U	AB1GU
8	AB1R8			I	AB1GI	V	AB1GV
9	AB1R9			J	AB1GJ	W	AB1GW
0	AB1R0			K	AB1GK	X	AB1GX
+	AB1R12			L	AB1GL	Y	AB1GY
-	AB1R13			M	AB1GM	Z	AB1GZ

#### Marking components (1) (2)

816259		816258		816260		816261		816262	
<b>AB1SR6</b>		<b>AB1SA1</b>		<b>AB1RT</b>		<b>AR1SB2</b>		<b>AR1SB3</b>	
Holder for 6 markers (Holder for up to 6 AB1 R or G markers)		Blank clip-on marker		Clip-on marker with earth symbol $\perp$ (4)		Marker holder for screw fixing to any type of support		Adhesive marker holder for fixing to any type of support	
Sold in lots of 200		500		500		100		50	
Size mm	Unit reference	Size mm	Unit reference	Size mm	Unit reference	Size mm	Unit reference	Size mm	Unit reference
5 x 19	-	4.5 x 8.3	AB1SA1	4.5 x 8.3	AB1RT	20 x 20	AR1SB2	20 x 10	AR1SB3
		4.5 x 14	AB1SA2						
		4.5 x 19	AB1SA3						

(1) Can NOT be mounted directly on NSYTR\* terminal blocks, need to use the NSYTRABB\* adapters!

(2) For Schneider Electric products such as thermal-magnetic circuit-breakers, modular contactors, model D and model E contactors, interfaces.

Can also be used with terminal blocks type NSYTR\* in association with NSYTRABB\* adapters.

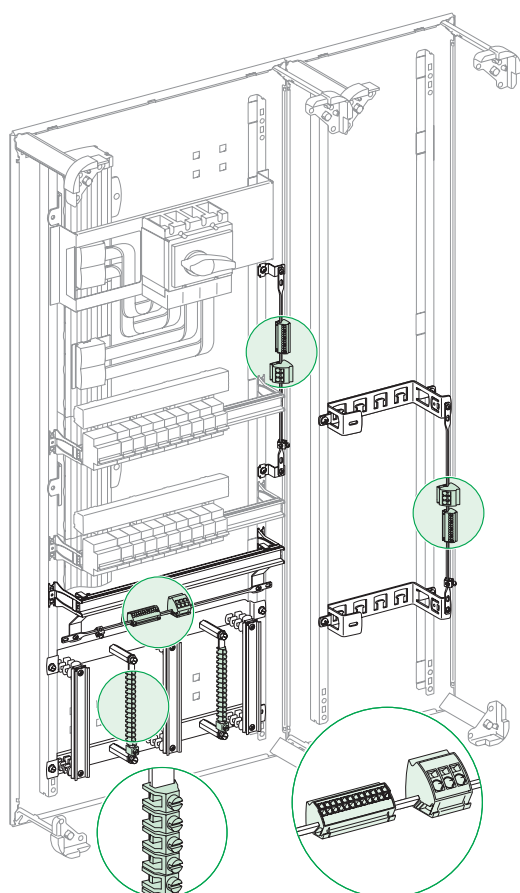
(3) Dimensions of clip-in markers on the strips: 4.5 mm x 2.7 mm.

(4) Black on white background.



## Linergy TB Earth bars

DD381516-LIN



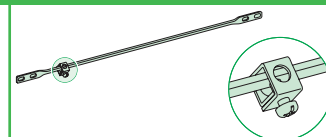
### Description

This range of earth bars is installed:

- in the duct which can constitute a dedicated area, completely separate from the equipment
- or in the switchgear compartment, at the top or the bottom

### Fast-connecting earth bar

DD381516-LIN

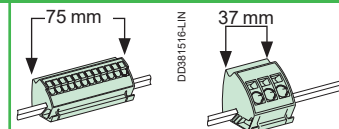


#### Copper earth bar

Cross-section (mm)	12 x 3
Effective length (mm)	330
Total length (mm)	450
Composition	Copper bar with 1 terminal 16 to 35 mm <sup>2</sup>
References	LVS04201

### Accessories

DD381516-LIN



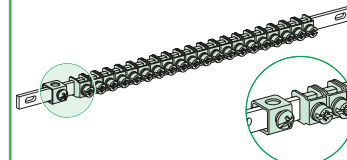
#### Earth blocks with terminals

Spring-fixing (clip onto the earth bar)

Total connection capacity	12 x 4 mm <sup>2</sup>	3 x 16 mm <sup>2</sup>
Composition	4 earth blocks	4 earth blocks
References	LVS04214	LVS04215

### Accessories

DD381516-LIN

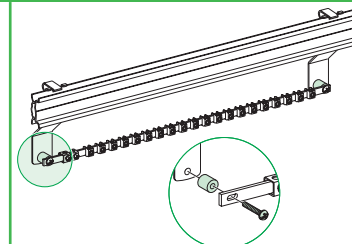


#### Earth bar with jumper

Total connection capacity	40 x 2.5 to 16 mm <sup>2</sup>	20 x 2.5 to 16 mm <sup>2</sup>
Cross-section (mm)	12 x 13	12 x 13
Length (mm)	450	200
Composition	40 jumpers and a terminal (16 to 35 mm <sup>2</sup> )	20 jumpers and a terminal (16 to 35 mm <sup>2</sup> )
References	LVS04200	LVS04202

### Accessories

DD381519-LIN



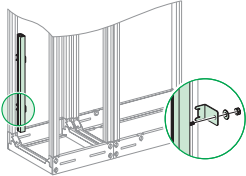
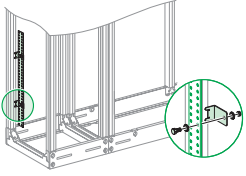
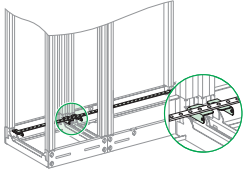
#### Neutral bar

Converts an earth bar to a neutral bar

Composition	2 insulating spacers
References	LVS04210

## Linergy TB PF conductors

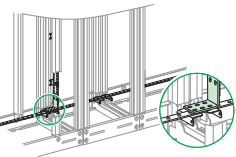
### PE conductors

						
	<b>Vertical PE conductor with Linergy LGY profile (W = 1670 mm)</b>	<b>Vertical PE conductor with Linergy BS busbar (W = 1675 mm)</b>	<b>Horizontal PE conductor with Linergy BS busbar</b>			
Rated short-time current (I <sub>cw</sub> )	≤ 40	> 40	≤ 40	> 40		
Permissible current (A)	630	800				
Cross-section (mm)		25 x 5	50 x 5	25 x 5	50 x 5	
References	LVS04502	LVS04503	LVS04512	LVS04515	LVS04512	LVS04515

### Support selection

Composition	Three supports for a vertical PE (supplied with PE marking), to be screwed onto the framework	Three supports for a vertical PE (supplied with PE marking), to be screwed onto the framework	Two supports for a horizontal PE
References	LVS04657	LVS04657	LVS04667

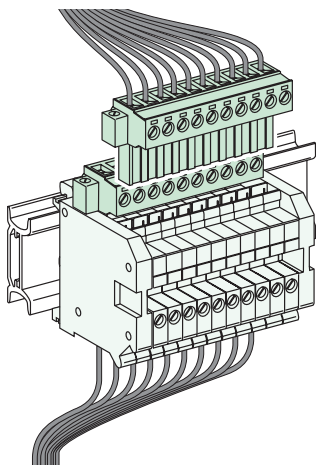
### Connection between PE conductors

		
	<b>Connection plates for horizontal/vertical PE bars</b>	<b>Linergy connection hardware</b>
Composition	2	20 M8 screws (W = 25 mm) + 20 nuts + 20 contact washers for connection to cable lugs or flexible bars
References	LVS04672	LVS04766



# Linergy TA

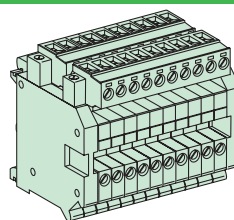
## Auxiliary connections



### Description

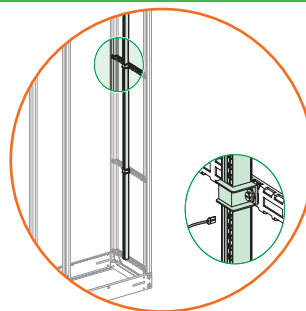
For distributing auxiliary voltages in power and regulation equipment.

#### Terminal block for auxiliary wiring



Standards		IEC	UL
Rated operational current at 40° (Ie)		12 A	20 A
Rated operational voltage (Ue)		250 V	300 V
Rated impulse withstand voltage (Uimp)		4 kV	
Connection capacity	Input	10 (grey)	
	Output	2 x 10 (grey)	
Dimensions (HxWxD)	(mm)	61 x 48 x 45	
Cross-section		0.2 to 4 mm	
Tightening torque		0.5 to 0.6 Nm	
Composition		3.5 18-mm modules	
<b>References</b>		<b>LVS04228</b>	

#### Four-pole auxiliary bus duct



		<b>Duct for 4 conductors</b>	
		166 tap-off points with Faston connectors, per linear meter	
Rated operational current at 40° (Ie)		32 A	
Rated insulation voltage (Ui)		660 V	
Length (mm)		1755	
Composition		Supplied with 2 end clamps and 1 lateral clamp for mounting on cable-tie supports	
<b>References</b>		<b>LVS04203</b>	





# How to find more technical information?



All technical information about products listed in this guide are now available on: [www.se.com](http://www.se.com)

Browse the "product datasheet" to check out:

- > Characteristics
- > Dimensions
- > And also links to user guides, curves, CAD files...

From the home page, type the product reference into the "Search" box.



The screenshot shows the Schneider Electric website home page. A search bar at the top contains the product reference 'LC1D09P7'. Below the search bar, search results for 'LC1D09P7' are displayed, including a product image and a brief description: 'TeSys Deca contactor,3P(3NO),AC-3/AC-3e,<=440V 9A,230V AC coil'. A green arrow points from the search bar to the search results, and another green arrow points from the search results to a magnifying glass icon labeled 'Example'.

Example

Then, clic on the green reference

The product datasheet appears with the technical data and product characteristics at the bottom of the page.



The screenshot shows the product page for 'TeSys Deca contactor,3P(3NO),AC-3/AC-3e,<=440V 9A,230V AC coil'. The page includes a product image, technical specifications, and a 'Main documents' section with links to 'Product Datasheet', 'Instruction sheet', 'Catalogue', and 'Product Environmental Profile'. A green arrow points from the 'Main documents' section to the text 'Access to related downloads'.

Access to related downloads



You can get this information in one pdf file.



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