

Product data sheet

Specifications



impulse relay iTL - 1P - 1NO - 16A
- coil 110 VDC - 230...240 VAC
50/60Hz

A9C30811

Main

Range of product	Acti9
Product name	Acti9 iTL
Product or component type	Impulse relay
Device short name	iTL
Device application	Standard
Poles	1P
Pole contact composition	1 NO
[In] rated current	16 A
Network type	AC
[Uc] control circuit voltage	230...240 V AC 50/60 Hz 110 V DC

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	250 V AC 50/60 Hz
Control type	Remote and manual control Coil deconnection
Control signal type	Impulse
Switching frequency	100 switching operations/day 5 switching operations/minute
Impulse duration	50 ms...1 s
Remote control type	Illuminated push-button 3 mA
Local signalling	ON/OFF indication
Mounting mode	Fixed
Mounting support	DIN rail
9 mm pitches	2
Height	84 mm
Width	18 mm
Depth	60 mm
Electrical durability	AC-21: 200000 cycles AC-22: 100000 cycles

Connections - terminals	Control circuit: tunnel type terminals 1 cable(s) 0.5...4 mm ² rigid Control circuit: tunnel type terminals 1 cable(s) 0.5...4 mm ² rigid with cable end Control circuit: tunnel type terminals 1 cable(s) 1...4 mm ² flexible Control circuit: tunnel type terminals 1 cable(s) 1...4 mm ² flexible with ferrule Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm ² rigid Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm ² rigid with cable end Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm ² flexible Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm ² flexible with ferrule
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Wire stripping length	11 mm
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Tightening torque	1 N.m
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Range compatibility	Acti 9 iATEt Acti 9 iATL4 Acti 9 iATLc Acti 9 iATLc+s Acti 9 iATLm Acti 9 iATLs Acti 9 iATLz Acti 9 iETL iTL 16 Acti 9 iATLc+c Acti 9 iATL24
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Environment

Standards	EN 669-2-2 EN 669-1
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Product certifications	GOST
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Quality labels	NF VDE IMQ CEBEC KEMA
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Noise level	60 dB
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IP degree of protection	IP20 conforming to IEC 60529 (on opening) IP40 conforming to IEC 60529 (in enclosure)
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Pollution degree	3
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Tropicalisation	2
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Relative humidity	95 % at 55 °C
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Ambient air temperature for operation	-20...50 °C
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Ambient air temperature for storage	-40...70 °C
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	7.100 cm
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Package 1 Width	8.500 cm
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Package 1 Length	1.800 cm
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Package 1 Weight	104.000 g
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Unit Type of Package 2	BB1
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Number of Units in Package 2	12
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Package 2 Height	2.900 cm
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Package 2 Width	20.000 cm
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Package 2 Length	30.000 cm
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Package 2 Weight	1.288 kg
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Unit Type of Package 3	S03
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Number of Units in Package 3	144
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Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	16.135 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free plastic parts product

Contractual warranty

Warranty	18 months
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Recommended replacement(s)