SIEMENS

Data sheet 3RU2116-1KB0



Overload relay 9.0...12.5 A Thermal For motor protection Size S00, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

product type designation product type designation RRUZ Size of overload relay size of overload relay size of overload relay size of contactor can be combined company-epecific Size of overload relay size of contactor can be combined company-epecific Size of overload relay size of contactor can be combined company-epecific Size of overload relay size of contactor can be combined company-epecific Size of overload relay size of contactor can be combined company-epecific Size of overload relay size of contactor can be combined company-epecific Size of overload relay size of contactor can be combined company-epecific Size of overload relay size of overload relay size of contactor can be combined company-epecific Size of size of contactor can be combined company-epecific Size of size of contactor can be combined company-epecific Size of size of contactor can be combined company-epecific Size of size of contactor can be combined company-epecific size of size of contactor can be company-epecific size of size of contactor can be contact	product brand name	SIRIUS
product type designation General technical data size of overload relay Size of contactor can be combined company-specific power loss [W] for rated value of the current at AC in hot operating state • per pole insulation voltage with degree of poliution 3 at AC rated value • get pole insulation voltage with degree of poliution 3 at AC rated value • Bow V surge voltage resistance rated value 680 V maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between main and auxiliary circuit • between of the control of the Cooks-2-7 8g /11 ms 1ype of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU substance Prohibitance (Date of Sade-2 F Substance Prohibitance (Date of Sade-2 gradient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature • during operation • during storage • during transport temperature compensation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V • at AC-3e rated value at AC-3e rated value operational current rated value 72.5A	•	
Size of overload relay Size of overload relay Size of contactor can be combined company-specific Power loss [W] for rated value of the current at AC in hot Operating state Per pole Size of contactor and so combined company-specific Power loss [W] for rated value of the current at AC in hot Operating state Power loss [W] for rated value of the current of the current Power loss [W] for rated value Power		
size of contactor can be combined company-specific Size of contactor can		0102
size of contactor can be combined company-specific power loss [VI] for rated value of the current at AC in hot operating state		\$00
power loss [W] for rated value of the current at AC in hot operating state • per pole • per pole 12.2 W insulation voltage with degree of pollution 3 at AC rated value 680 V surge voltage resistance rated value 6 kV maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • both per of protection according to LTEX directive 2014/34/EU Ex III (2) GD certificate of suitability according to ATEX directive 2014/34/EU Feference code according to IEC 81346-2 F Substance Prohibitance (Date) SVHC substance name Biei - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during doperation • during transport • John - 60°C relative humidity during operation Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release • rated value • at AC-3e rated value maximum 690 V • at AC-3e rated value maximum 690 V operational current rated value 50 60 Hz operational current rated value	· · · · · · · · · · · · · · · · · · ·	
operating state • per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxillary and auxillary circuit • between main and auxillary accute • between main and auxillary circuit • between main and auxillary circuit • between main and auxillary accute • botween main and auxillary circ		
insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxillary and auxiliary circuit • between main and auxiliary circuit • during operation • 40 +70 °C • during storage • 45 +80 °C • during storage • 45 +80 °C • during storage • during transport • during storage • during transport • 40 +80 °C • auxiliary auxiliary circuit • auxiliary auxiliary circuit • auxiliary auxiliary auxiliary auxiliary circuit • auxiliary		
surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • duro protection according to IEC 60068-2-27 • Bg/ 11 ms • Lil (2) GD certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 Substance Prohibitance (Date) SVHC substance name • Divol/2009 SVHC substance name • Biei - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum • during operation • during operation • during storage • during storage • during storage • during transport • 40 +70 °C • during transport • 55 +80 °C • during transport • 55 +80 °C • during transport • 55 +80 °C • during transport • 35 +80 °C • during transport • 3095 % Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage • atact value • at AC-3e rated value • at AC-3e rated value • at AC-3e rated value operational current rated value 12.5 A		
maximum permissible voltage for protective separation in networks with grounded star point • between auxillary and auxiliary circuit • between auxillary and auxiliary circuit • between main and auxiliary circuit • during operation • during operation • during operation • during transport • during transport • during operation • during ope		
networks with grounded star point • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • between main and auxiliary circuit • between main and auxiliary circuit shock resistance according to IEC 60068-2-27 8g / 11 ms type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU reference code according to IEC 81346-2 F Substance Prohibitance (Date) SVHC substance name Biei - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during storage • during storage • during transport temperature compensation 40 +80 °C temperature compensation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 12.5 A	surge voltage resistance rated value	6 kV
between auxiliary and auxiliary circuit between main and auxiliary circuit between main and auxiliary circuit shock resistance according to IEC 60068-2-27 sg / 11 ms type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 Substance Prohibitance (Date) SVHC substance name Biei - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport -55 +80 °C temperature compensation -40 +70 °C temperature compensation -40 +80 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operational current rated value 50 60 Hz operational current rated value		
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between main and auxiliary circuit shock resistance according to IEC 60068-2-27 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU put 198 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 3VHC substance name Biei - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport -55+80 °C temperature compensation relative humidity during operation 40+60 °C relative humidity during operation Main circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value maximum 690 V operating frequency rated value operational current rated value 12.5 A	 between auxiliary and auxiliary circuit 	440 V
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certificate of suitability according to ATEX directive 2014/34/EU reference code according to IEC 81346-2 Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during transport temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operational current rated value operational current rated value 50 60 Hz operational current rated value 12.5 A	shock resistance according to IEC 60068-2-27	8g / 11 ms
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Substance Prohibitance (Date) SVHC substance name Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during transport -55 +80 °C • during transport -55 +80 °C temperature compensation -40 +70 °C -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 12.5 A	certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
SVHC substance name Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during transport • during transport • 55 +80 °C temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operations like in the first of the current rated value operational current rated value 12.5 A	reference code according to IEC 81346-2	F
installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during transport temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operational current rated value operational current rated value 12.5 A	Substance Prohibitance (Date)	10/01/2009
installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during storage • during transport -55 +80 °C temperature compensation -40 +70 °C -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 12.5 A	SVHC substance name	Blei - 7439-92-1
ambient temperature • during operation • during storage • during transport • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operational current rated value 12.5 A	Ambient conditions	
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 during storage during transport 55 +80 °C temperature compensation 40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value maximum operating frequency rated value operating frequency rated value 50 60 Hz operational current rated value 12.5 A 	ambient temperature	
■ during transport	 during operation 	-40 +70 °C
temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value 50 60 Hz operational current rated value 12.5 A	during storage	-55 +80 °C
relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value 12.5 A	during transport	-55 +80 °C
Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value 12.5 A	temperature compensation	-40 +60 °C
number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value 50 60 Hz operational current rated value 12.5 A	relative humidity during operation	10 95 %
adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value 12.5 A	Main circuit	
dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value 50 60 Hz operational current rated value 12.5 A	number of poles for main current circuit	3
 rated value at AC-3e rated value maximum operating frequency rated value operational current rated value 12.5 A 		9 12.5 A
 at AC-3e rated value maximum 690 V operating frequency rated value operational current rated value 12.5 A 	operating voltage	
operating frequency rated value 50 60 Hz operational current rated value 12.5 A	• rated value	690 V
operational current rated value 12.5 A	at AC-3e rated value maximum	690 V
·	operating frequency rated value	50 60 Hz
operational current at AC 3e at 400 V rated value	operational current rated value	12.5 A
operational current at AO-De at 400 viraled value	operational current at AC-3e at 400 V rated value	12.5 A

operating power	
• at AC-3	
— at 400 V rated value	5.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	7.5 kW
• at AC-3e	
— at 400 V rated value	5.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	7.5 kW
Auxiliary circuit	
design of the auxiliary switch	integrated
number of NC contacts for auxiliary contacts	1
• note	for contactor disconnection
number of NO contacts for auxiliary contacts	1
• note	for message "Tripped"
number of CO contacts for auxiliary contacts	0
operational current of auxiliary contacts at AC-15	·
• at 24 V	3 A
• at 110 V	3 A
• at 110 V	3 A
	3 A
• at 125 V	
• at 230 V	2 A
• at 400 V	1 A
• at 690 V	0.75 A
operational current of auxiliary contacts at DC-13	
• at 24 V	2 A
• at 60 V	0.3 A
• at 110 V	0.22 A
● at 125 V	0.22 A
• at 220 V	0.11 A
contact rating of auxiliary contacts according to UL	B600 / R300
Protective and monitoring functions	
Protective and monitoring functions trip class	CLASS 10
Protective and monitoring functions trip class design of the overload release	
Protective and monitoring functions trip class design of the overload release UL/CSA ratings	CLASS 10
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	CLASS 10 thermal
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value	CLASS 10 thermal
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value	CLASS 10 thermal
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value	CLASS 10 thermal
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value	CLASS 10 thermal
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required	CLASS 10 thermal
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link	CLASS 10 thermal 12.5 A 12.5 A
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required	CLASS 10 thermal 12.5 A 12.5 A
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions	CLASS 10 thermal 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position	CLASS 10 thermal 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method	CLASS 10 thermal 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height	CLASS 10 thermal 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width	CLASS 10 thermal 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth	CLASS 10 thermal 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and	CLASS 10 thermal 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit	CLASS 10 thermal 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	CLASS 10 thermal 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit	CLASS 10 thermal 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current	CLASS 10 thermal 12.5 A 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No screw-type terminals screw-type terminals
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit	CLASS 10 thermal 12.5 A 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No screw-type terminals screw-type terminals
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections	CLASS 10 thermal 12.5 A 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No screw-type terminals screw-type terminals
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts	CLASS 10 thermal 12.5 A 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No screw-type terminals screw-type terminals Top and bottom
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	CLASS 10 thermal 12.5 A 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No screw-type terminals screw-type terminals Top and bottom 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded — finely stranded with core end processing	CLASS 10 thermal 12.5 A 12.5 A 12.5 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No screw-type terminals screw-type terminals Top and bottom 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²

 for auxiliary contacts 	
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 for AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)
tightening torque	
 for main contacts with screw-type terminals 	0.8 1.2 N·m
 for auxiliary contacts with screw-type terminals 	0.8 1.2 N·m
design of screwdriver shaft	Diameter 5 6 mm
size of the screwdriver tip	Pozidriv PZ 2
design of the thread of the connection screw	
 for main contacts 	M3
 of the auxiliary and control contacts 	M3
Safety related data	
failure rate [FIT] with low demand rate according to SN 31920	50 FIT
MTTF with high demand rate	2 280 a
IEC 61508	
T1 value for proof test interval or service life according to IEC 61508	20 a
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Display	
display version for switching status	Slide switch
Approvals Certificates	

General Product Approval







Confirmation





For use in hazardous locations

Test Certificates

Marine / Shipping





Special Test Certificate Type Test Certificates/Test Report





Marine / Shipping





LRS







Miscellaneous

other

other

Confirmation

Further information

Siemens has decided to exit the Russian market (see here).

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RU2116-1KB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2116-1KB0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RU2116-1KB0

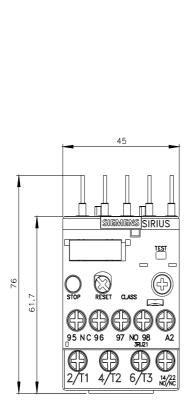
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RU2116-1KB0&lang=en

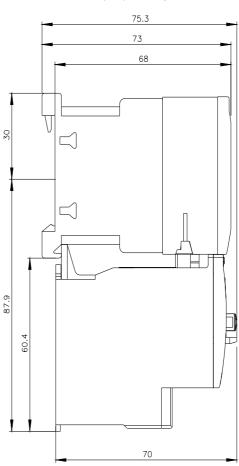
Characteristic: Tripping characteristics, I2t, Let-through current

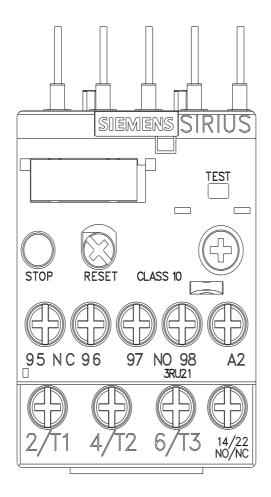
https://support.industry.siemens.com/cs/ww/en/ps/3RU2116-1KB0/char

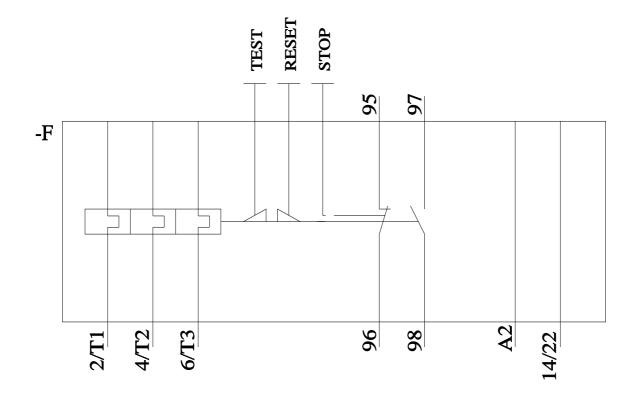
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2116-1KB0&objecttype=14&gridview=view1









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