SIEMENS

Data sheet 3RU2116-0GB0



Overload relay 0.45...0.63 A Thermal For motor protection Size S00, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

product designation group type designation group type designation group type designation group type designation group group type designation group gro	product brand name	SIRIUS
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 per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value for every relation and surface from the current at AC in hot operating state per pole final	product designation	thermal overload relay
size of onverload 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 1.6 W insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value away maximum permissible voltage for protective separation in networks with grounded star point between auxiliary and auxiliary circuit between auxiliary and auxiliary circuit between auxiliary and auxiliary circuit between main and auxiliary circuit shock resistance according to IEC 80088-2-27 type of protection according to ATEX directive 2014/34/EU gerifficate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 Full 20 B substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum during operation during potagion during storage during transport temperature compensation during porastion during storage during transport temperature compensation adjustable current response value current of the current-dependent overload release operating voltage at AC-36 rated value e at AC-36 rated value maximum 690 V at AC-36 rated value 50 60 Hz	product type designation	3RU2
size of contactor can be combined company-specific power loss [VI] for rated value of the current at AC in hot operating state	General technical data	
power loss [W] for rated value of the current at AC in hot 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 auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • between for 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 preference code according to IEC 81346-2 F Substance Prohibitance (Date) installation altitude at height above sea level maximum • during operation • during storage • during transport • adjustable current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 680 V • at AC-3e rated value maximum 680 V • operating frequency rated value • 50 60 Hz	size of overload relay	S00
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 auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • between 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 certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU poly 198 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (bate) 10/01/2009 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature • during operation • during storage • during transport • during transport • during pransport • during operation • 40 +70 °C • during transport • during operation • 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	size of contactor can be combined company-specific	S00
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 auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main an		4.8 W
surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between main and auxiliary circuit • durige of suitability according to EC 80862-27 • Bg /11 ms Ex (2) GD Ex (2) GD Certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to EC 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions Installation altitude at height above sea level maximum 2 000 m ambient temperature e during operation 40 +70 °C e during operation 40 +70 °C e during storage e during transport -55 +80 °C e during transport -56 +80 °C e during transport -58 +80 °C e during transport -59 % Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage e rated value e rated value e rated value maximum 690 V operating frequency rated value 50 60 Hz	• per pole	1.6 W
maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between main and auxiliary circuit • both 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 certificate of suitability according to ATEX directive 2014/34/EU pub 198 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport -55+80 °C • during transport -55+80 °C temperature compensation • 40+70 °C temperature compensation • 40+60 °C relative humidity during operation 1095 % 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 5060 Hz	insulation voltage with degree of pollution 3 at AC rated value	690 V
networks with grounded star point • between auxiliary and auxiliary circuit • between maxiliary and auxiliary circuit • between main and auxiliary circuit • between main and auxiliary circuit • between main and auxiliary circuit 440 V • between main and auxiliary circuit 440 V shock resistance according to IEC 60068-2-27 type of protection according to ATEX directive 2014/34/EU type of protection according to ATEX directive 2014/34/EU Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/01/2009 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 • during transport -55 +80 °C temperature compensation 40 +60 °C relative humidity during operation 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	surge voltage resistance rated value	6 kV
between auxiliary and auxiliary circuit between main and auxiliary circuit between main and auxiliary circuit 440 V 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 preference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature during operation during storage during transport during transport temperature compensation -40 +70 °C during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation -40 +60 °C relative humidity during operation -40 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage at AC-3e rated value at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz		
between main and auxiliary circuit 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 certificate of suitability according to IEC 81346-2 FSubstance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum during operation during operation during storage during transport during transport temperature compensation relative humidity during operation Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage at AC-3e rated value at AC-3e rated value e on AC-3e rated value feed of C-200 Mc available current value e on C-200 Mc available value e on AC-3e rated value feed ov feed	 between auxiliary and auxiliary circuit 	440 V
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 preference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport temperature compensation relative humidity during operation 40 +70 °C temperature compensation -40 +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 operating voltage rated value operating frequency rated value 50 60 Hz	 between auxiliary and auxiliary circuit 	440 V
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 preference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during storage during transport temperature compensation relative humidity 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 690 V operating frequency rated value 50 60 Hz	 between main and auxiliary circuit 	440 V
type of protection 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) 10/01/2009 Ambient conditions installation altitude at height above sea level maximum ambient temperature	between main and auxiliary circuit	440 V
certificate of suitability according to ATEX directive 2014/34/EU reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during storage • during transport temperature compensation relative humidity during operation 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	shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code according to IEC 81346-2 Substance Prohibitance (Date) 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 +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	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • 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 operating frequency rated value 50 60 Hz	certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during transport temperature compensation relative humidity during operation 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 oduring above sea level maximum 2 000 m -40 +70 °C -55 +80 °C -55 +80 °C -40 +60 °C -55 +80 °C -40 +60 °C -55 +80 °C -40 +60 °C	reference code according to IEC 81346-2	F
installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport -55 +80 °C • 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 operating frequency rated value 50 60 Hz	Substance Prohibitance (Date)	10/01/2009
ambient temperature • during operation -40 +70 °C • 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 50 60 Hz	Ambient conditions	
 during operation during storage 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 690 V operating frequency rated value 50 60 Hz 	installation altitude at height above sea level maximum	2 000 m
 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 690 V operating frequency rated value 50 60 Hz 	ambient temperature	
 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 690 V operating frequency rated value 50 60 Hz 	 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 3 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	during storage	-55 +80 °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	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 50 60 Hz	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	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 50 60 Hz	Main circuit	
dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value 50 60 Hz	number of poles for main current circuit	3
 rated value at AC-3e rated value maximum operating frequency rated value 50 60 Hz 		0.45 0.63 A
• at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz	operating voltage	
operating frequency rated value 50 60 Hz	rated value	690 V
	at AC-3e rated value maximum	690 V
	operating frequency rated value	50 60 Hz
operational current rated value 0.63 A	operational current rated value	0.63 A
operational current at AC-3e at 400 V rated value 0.63 A	operational current at AC-3e at 400 V rated value	0.63 A
operating power	operating power	

• at AC-3		
— at 400 V rated value	0.18 kW	
— at 500 V rated value	0.18 kW	
— at 690 V rated value	0.25 kW	
• at AC-3e		
— at 400 V rated value	0.18 kW	
— at 500 V rated value	0.18 kW	
— at 690 V rated value	0.25 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 120 V	3 A	
● at 125 V	3 A	
● 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		
trip class	CLASS 10	
trip class design of the overload release	CLASS 10 thermal	
trip class design of the overload release UL/CSA ratings		
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value	thermal 0.63 A	
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	thermal	
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	thermal 0.63 A	
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	0.63 A 0.63 A	
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	thermal 0.63 A	
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	0.63 A 0.63 A	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any	
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	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting	
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	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No screw-type terminals	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No Screw-type terminals screw-type terminals	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No Screw-type terminals screw-type terminals	
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	thermal 0.63 A 0.63 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No Screw-type terminals screw-type terminals	
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	thermal 0.63 A 0.63 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 • 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	thermal 0.63 A 0.63 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	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	0.63 A 0.63 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)	
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	thermal 0.63 A 0.63 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)	

 — 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		
T1 value for proof test interval or service life according to IEC 61508	20 a		
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		
Certificates/ approvals			
General Product Approval		For use in hazardous locations	

Confirmation











Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping





LRS







Confirmation

other

other

Railway



Vibration and Shock

Further information

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

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=3RU2116-0GB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2116-0GB0

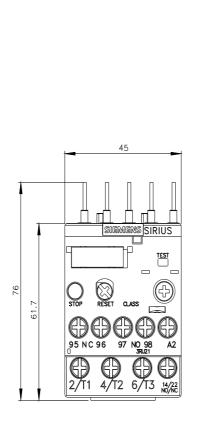
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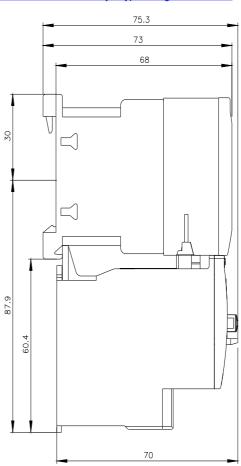
https://support.industry.siemens.com/cs/ww/en/ps/3RU2116-0GB0

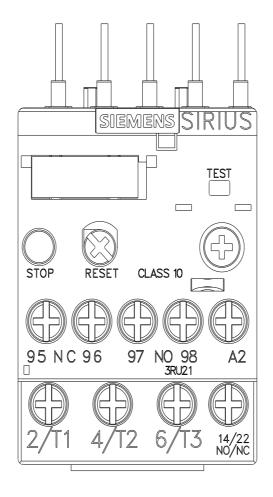
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RU2116-0GB0&lang=en

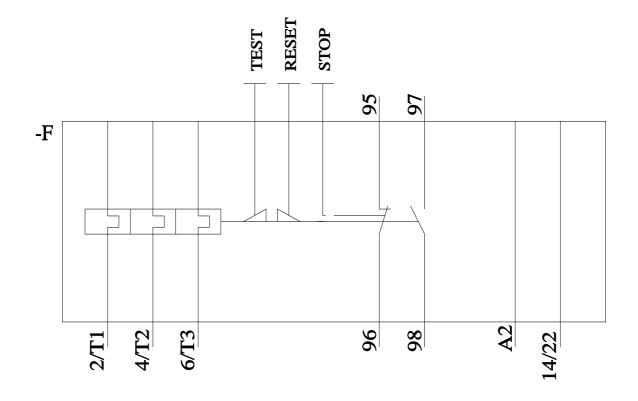
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RU2116-0GB0/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2116-0GB0&objecttype=14&gridview=view1









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