SIEMENS

Data sheet

3RU2116-0BJ0



Overload relay 0.14...0.20 A Thermal For motor protection Size S00, Class 10 Contactor mounting Main circuit: Ring cable lug Auxiliary circuit: ring cable lug Manual-Automatic-Reset

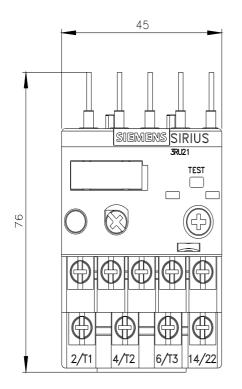
product brand name SIRIUS product signation thermal overload relay product type designation 3RU2 Central technical data size of contactor can be combined company-specific S00 size of contactor can be combined company-specific S00 size of contactor can be combined company-specific operating state 0 48 W operating state • oper pole 1.6 W 1.6 W insulation voltage with degree of pollution 3 at AC rated value 68 KV maximum permissible voltage for protective separation in networks with groundod star point 440 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 40 +70 °C <th>- ,</th> <th></th>	- ,	
product type designation 3RU2 Contract technical data	product brand name	SIRIUS
General technical data S00 size of overlead relay S00 size of contactor can be combined company-specific S00 power loss [W] for rated value of the current at AC in hot operating state 4.8 W • per pole 1.6 W insulation voltage with degree of pollution 3 at AC rated value 680 V surge voltage resistance rated value 64V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • between auxiliary according to ATEX directive 2014/34/EU Exil (2) GD Certificate of suitability according to ATEX directive 2014/34/EU Exil (2) GD Ambient conditions 100/1/2009 Ambient conditions 2000 m ambient temperature -55 +80 °C • during transport -55 +80 °C • during transport -55 +80 °C	product designation	thermal overload relay
size of overload relay S00 size of contactor can be combined company-specific S00 oper rating state 800 • per pole 1.6 W insulation voltage with degree of pollution 3 at AC rated value 680 V surge voltage resistance rated value 68V maximum permissible voltage for protective separation in networks with grounded star point 440 V • between auxiliary and auxiliary circuit 440 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 40 V • for for code according to IEC 80348-2 F Substance Prohibitance (Date) 1001/2009 <	product type designation	3RU2
size of contactor can be combined company-specific S00 power loss [W] for rated value of the current at AC in hot operating state 4.8 W • per pole 1.6 W insulation voltage with degree of pollution 3 at AC rated value 680 V surge voltage resistance rated value 68 V maximum permissible voltage for protective separation in networks with grounded star point 640 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • between distilution according to ATEX directive 2014/34/EU EX II (2) GD certificate of proheting to ATEX directive 2014/34/EU EX II (2) GD reference code according to ATEX directive 2014/34/EU EX II (2) GD installation altitude at height above sea level maximum 2 000 m ambient comperation -40 +70 °C	General technical data	
power loss [W] for rated value of the current at AC in hot operating state 4.8 W • per pole 1.6 W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 64V maximum permissible voltage for protective separation in networks with grounded star point 440 V • between auxiliary and auxiliary circuit 440 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 50 (12 (2) CD certificate of suitability according to ATEX directive 2014/34/EU EX II (2) GD reference code according to IEC 81346-2 F Substance Prohibitance (Date) 100/1/2009 Ambient conditions -	size of overload relay	S00
operating state 1.8 W insulation voitage with degree of pollution 3 at AC rated value 680 V surge voitage resistance rated value 6 kV maximum permissible voitage for protective separation in networks with grounded star point 440 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • between time in the circuit 2014/34/EU Exil (2) GD certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 100/1/2009 Ambient conditions 10/0/1/2009 Installation altitude at height above sea level maximum 2 000 m adjustable corrent response value current of the current- -40 +70 °C • during transport -55 +80 °C temperature compensation	size of contactor can be combined company-specific	S00
Insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 6 kV maximum permissible voltage for protective separation in networks with grounded star point 440 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • between during to ATEX directive 2014/34/EU Exil (2) GD certificate of suitability according to ATEX directive 2014/34/EU Exil (2) GD certificate of suitability according to IEC 81346-2 F Substance Prohibitance (Date) 100/1/2009 Ambient conditions 100/1/2009 installation altitude at height above sea level maximum 2 000 m ambient temperature -40 +70 °C • during geration -40 +70 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 +60 °C relative humidity during operation 10	1 6 3	4.8 W
surge voltage resistance rated value 6 kV maximum permissible voltage for protective separation in networks with grounded star point 440 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • between auxiliary and circuit 50 (2) • between auxiliary circuit 200 m • during operation -40 +70 °C • during storage -55 +80 °C • during storage -55 +80 °C • during transport -55 +80 °C • temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 adjustable current circuit	• per pole	1.6 W
maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 48 / 11 ms • type of protection according to IEC 81946-2 F Substance Prohibitance (Date) 100/1/2009 Ambient conditions 2000 m installation altitude at height above sea level maximum 2 000 m adjustable transport -55 +80 °C • during groepation -40 .	insulation voltage with degree of pollution 3 at AC rated value	690 V
networks with grounded star point 440 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • between according to ATEX directive 2014/34/EU Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 61346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m ambient temperature - • during transport -55 +80 °C • during transport -55 +80 °C • during transport -40 +70 °C • during transport -55 +80 °C temperature compensation -40 40 °C relative humidity during operation 10 95 % Main circuit 3 adjustable current circuit 3 adjustable	surge voltage resistance rated value	6 kV
between auxiliary and auxiliary circuit between main and auxiliary circuit details circuit between main and auxiliary circuit details circuit details circuit details circuit details details		
• between main and auxillary circuit 440 V • between main and auxillary circuit 440 V shock resistance according to IEC 60068-2-27 8g / 11 ms type of protection according to ATEX directive 2014/34/EU Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU Ex II (2) GD reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions 10/01/2009 installation altitude at height above sea level maximum 2 000 m ambient temperature - • during operation -40 +70 °C • during transport -55 +80 °C • during transport -55 +80 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- 0.14 0.2 A operating requery rated value 690 V • at AC-3e rated value maximum 690 V • at AC-3e rated value 0.2 A	 between auxiliary and auxiliary circuit 	440 V
• between main and auxillary circuit 440 V shock resistance according to IEC 60068-2-27 8g / 11 ms type of protection according to ATEX directive 2014/34/EU EX II (2) GD certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m ambient temperature -40 +70 °C • during operation -40 +70 °C • during transport -55 +80 °C • during transport -55 +80 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage -0.14 0.2 A operation acurent of the current of the current- 690 V • at AC-3e rated value maximum 690 V • at AC-3e rated value 690 V • at AC-3e rated value 0.2 A	 between auxiliary 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 Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m ambient temperature -40 +70 °C • during operation -40 +70 °C • during storage -55 +80 °C • during transport -55 +80 °C • during operation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 090 V • at AC-3e rated value 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 50 60 Hz operational current at AC-3e at 400 V rated value 0.2 A	 between main and auxiliary circuit 	440 V
type of protection according to ATEX directive 2014/34/EU Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature - • during operation -40 +70 °C • during storage -55 +80 °C • during itransport -55 +80 °C • during uperation -40 +70 °C • during uperation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- 0.14 0.2 A operating voltage 690 V • at AC-3e rated value 690 V • at AC-3e rated value 50 60 Hz operational current rated value 0.2 A	 between main and auxiliary circuit 	440 V
certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m ambient temperature -40 +70 °C • during operation -40 +70 °C • during storage -55 +80 °C • during trapport -55 +80 °C temperature compensation -40 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release 690 V • at AC-3e rated value 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 50 60 Hz operational current rated value 0.2 A	shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature - • during operation -40 +70 °C • during storage -55 +80 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release 0.14 0.2 A operating voltage 690 V • rated value 690 V • at AC-3e rated value maximum 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 0.2 A operational current rated value 0.2 A	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2 000 m ambient temperature -40 +70 °C • during operation -40 +70 °C • during storage -55 +80 °C • during transport -55 +80 °C • during transport -55 +80 °C • temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release 0.14 0.2 A operating voltage 690 V • at AC-3e rated value maximum 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 0.2 A operational current rated value 0.2 A	certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature -40 +70 °C • during operation -40 +70 °C • during storage -55 +80 °C • during transport -55 +80 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- 0.14 0.2 A operating voltage 690 V • rated value 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 0.2 A	reference code according to IEC 81346-2	F
installation altitude at height above sea level maximum 2 000 m ambient temperature -40 +70 °C • during operation -40 +70 °C • during transport -55 +80 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 0.14 0.2 A operating voltage 690 V • at AC-3e rated value 690 V operating frequency rated value 50 60 Hz operating frequency rated value 0.2 A	Substance Prohibitance (Date)	10/01/2009
ambient temperature -40 +70 °C • during operation -40 +70 °C • during storage -55 +80 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release 0.14 0.2 A operating voltage 690 V • 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 0.2 A	Ambient conditions	
• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °C• during transport-40 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release0.14 0.2 Aoperating voltage690 V• at AC-3e rated value maximum690 V• at AC-3e rated value50 60 Hzoperational current rated value0.2 Aoperational current at AC-3e at 400 V rated value0.2 A	installation altitude at height above sea level maximum	2 000 m
• during storage -55 +80 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 0.14 0.2 A operating voltage 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.2 A	ambient temperature	
• during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 0.14 0.2 A operating voltage 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.2 A	 during operation 	-40 +70 °C
temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 0.14 0.2 A operating voltage 690 V • rated value 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.2 A	during storage	-55 +80 °C
relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 0.14 0.2 A operating voltage 690 V • rated value 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.2 A operational current at AC-3e at 400 V rated value 0.2 A	during transport	-55 +80 °C
Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 0.14 0.2 A operating voltage 690 V • rated value 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.2 A operational current at AC-3e at 400 V rated value 0.2 A	temperature compensation	-40 +60 °C
number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 0.14 0.2 A operating voltage 690 V • rated value 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.2 A operational current at AC-3e at 400 V rated value 0.2 A	relative humidity during operation	10 95 %
adjustable current response value current of the current- dependent overload release0.14 0.2 Aoperating voltage0.14 0.2 A• rated value690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperational current rated value0.2 Aoperational current at AC-3e at 400 V rated value0.2 A	Main circuit	
dependent overload release Additional current rated value operating voltage 690 V • rated value 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.2 A operational current at AC-3e at 400 V rated value 0.2 A	number of poles for main current circuit	3
• rated value 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 690 V operational current rated value 50 60 Hz operational current rated value 0.2 A operational current at AC-3e at 400 V rated value 0.2 A		0.14 0.2 A
• at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.2 A operational current at AC-3e at 400 V rated value 0.2 A	operating voltage	
operating frequency rated value 50 60 Hz operational current rated value 0.2 A operational current at AC-3e at 400 V rated value 0.2 A	 rated value 	690 V
operational current rated value 0.2 A operational current at AC-3e at 400 V rated value 0.2 A	 at AC-3e rated value maximum 	690 V
operational current at AC-3e at 400 V rated value 0.2 A	operating frequency rated value	50 60 Hz
·	operational current rated value	0.2 A
operating power	operational current at AC-3e at 400 V rated value	0.2 A
	operating power	

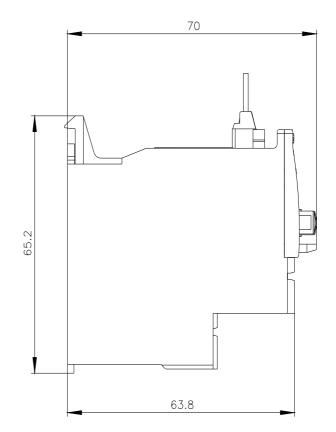
• at AC-3	
— at 400 V rated value	0.06 kW
— at 500 V rated value	0.06 kW
— at 690 V rated value	0.09 kW
• at AC-3e	
— at 400 V rated value	0.06 kW
— at 500 V rated value	0.06 kW
— at 690 V rated value	0.09 kW
Auxiliary circuit	
design of the auxiliary switch	integrated
number of NC contacts for auxiliary 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	
Protective and monitoring functions	CLASS 10
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 0.2 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 0.2 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	thermal 0.2 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 0.2 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	thermal 0.2 A 0.2 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 0.2 A 0.2 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	thermal 0.2 A 0.2 A fuse gG: 6 A, quick: 10 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 mounting position	thermal 0.2 A 0.2 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 0.2 A 0.2 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 0.2 A 0.2 A 1.2
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	thermal 0.2 A 0.2 A 0.2 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 • 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	thermal 0.2 A 0.2 A 0.2 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 • 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	thermal 0.2 A 0.2 A 0.2 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 • 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	thermal 0.2 A 0.2 A 0.2 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 • 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	thermal 0.2 A 0.2 A 0.2 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No Ring cable lug connection
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 fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	thermal 0.2 A 0.2 A 0.2 A fuse gG: 6 A, quick: 10 A any Contactor mounting 76 mm 45 mm 70 mm No No
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 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 	thermal 0.2 A 0.2 A 0.2 A 1.2
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 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	thermal 0.2 A 0.2 A 0.2 A 0.2 A 0.2 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 of or 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 of or main current circuit of or auxiliary and control circuit arrangement of electrical connectors for main current circuit tightening torque of or main contacts for ring cable lug	thermal 0.2 A 0.2 A 0.2 A 0.2 A 0.2 A 1.2 0.8 N·m
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 at 600 V rated value Short-circuit protection design of the fuse link of or 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 of or auxiliary contacts for ring cable lug of or auxiliary contacts for ring cable lug	thermal 0.2 A 0.2 A 0.2 A 0.2 A 0.2 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 mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection of or auxiliary and control circuit arrangement of electrical connectors for main current circuit tightening torque of or auxiliary contacts for ring cable lug outer diameter of the usable ring cable lug maximum	thermal 0.2 A 0.2 A 0.2 A 1.2 0.8 N·m 0.8 1.2 N·m 7.5 mm
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 e for auxiliary and control circuit arrangement of electrical connectors for main current circuit tightening torque e for auxiliary contacts for ring cable lug e for auxiliary contacts for ring cable lug outer diameter of the usable ring cable lug maximum design of screwdriver shaft	thermal 0.2 A 0.2 A 0.2 A 0.2 A 1.2 A Contactor mounting 76 mm 45 mm 70 mm No No Ring cable lug connection ring terminal lug connection Top and bottom 1.2 0.8 N·m 0.8 1.2 N·m 7.5 mm Diameter 5 6 mm
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 of or auxiliary and control circuit arrangement of electrical connectors for main current circuit tightening torque of or auxiliary contacts for ring cable lug outer diameter of the usable ring cable lug maximum	thermal 0.2 A 0.2 A 0.2 A 0.2 A 1.2 0.8 N·m 0.8 1.2 N·m 7.5 mm

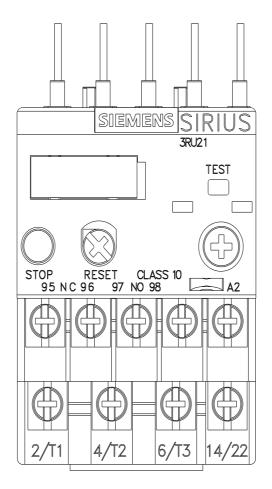
 for main contacts 		M3		
 of the auxiliary and control contacts 		M3		
Safety related data				
failure rate [FIT] with low demand rate according	o SN 31920	50 FIT		
MTTF with high demand rate		2 280 a		
T1 value for proof test interval or service life acco 61508	rding to IEC	20 a		
protection class IP on the front according to I	EC 60529	IP00		
Display				
display version for switching status		Slide switch		
Certificates/ approvals				
General Product Approval			For use in hazardous	locations
Confirmation ccc	UL u	EHC	K ATEX	IECEx
Declaration of Conformity	Test Certificates	i	Marine / Shipping	
UK CE CA CE	<u>Type Test Certif</u> ates/Test Repo	ic- <u>Special Test Certific-</u> rt <u>ate</u>	ABS	BUREAU VERITAS
Marine / Shipping				other
	PRS	RINA	RMRS	<u>Confirmation</u>
Railway				

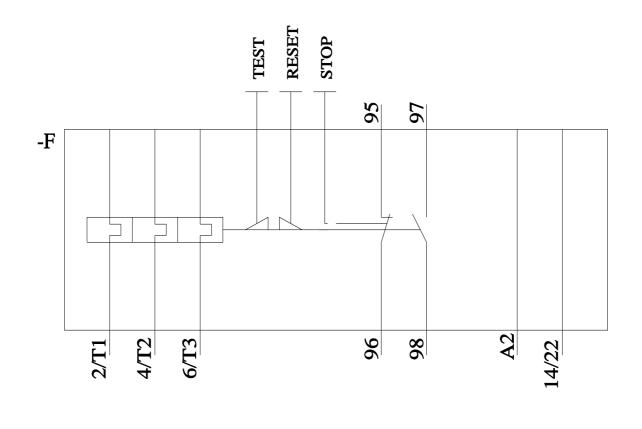
Vibration and Shock

	decided to exit the Russian market (see here). emens.com/global/en/pressrelease/siemens-wind-down-russian-business
Siemens is wo 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 narket (other than the sanctioned EAEU member states Russia or Belarus).
	n the packaging industry.siemens.com/cs/ww/en/view/109813875
	nd Downloadcenter (Catalogs, Brochures,) mens.com/ic10
	Online ordering system) ustry.siemens.com/mall/en/en/Catalog/product?mlfb=3RU2116-0BJ0
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	se (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) mation.siemens.com/bilddb/cax_de.aspx?mlfb=3RU2116-0BJ0⟨=en
	: Tripping characteristics, I²t, Let-through current industry.siemens.com/cs/ww/en/ps/3RU2116-0BJ0/char
Further charac	cteristics (e.g. electrical endurance, switching frequency) mation, siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2116-0BJ0&obiecttype=14&gridview=view1









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