SIEMENS

Data sheet

3RU2116-0AJ0



Overload relay 0.11...0.16 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 SIRUS product designation shu2 product type designation shu2 size of overload relay S00 size of overload relay 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 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 400 V		
product type designation 3RU2 General technical data 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 980 V • 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 main and auxiliary circuit 40 V • between main anacting t	product brand name	SIRIUS
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size of overload relay S00 size of contactor can be combined company-specific S00 power loss (W) for rated value of the current at AC in hot 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 680 V maximum pernissible voltage for protective separation in networks with grounded star point 440 V • between main and auxiliary circuit 440 V • between dial or auxiliary circuit 440 V • between dial auxiliary circuit 440 V • between dial auxiliary circuit 440 V • between dial auxiliary circuit 50 C • during orage 51 (2) GD • carring ording to ATEX directive 2014/34/EU Ex II (2) GD • during strange 55 480	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 690 V surge voltage resistance rated value 6 kV maximum pernissible 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 point Cart X directive 2014/34/EU EX III (2) GD certificate of auxiliary circuit 200 M anbient conditions 10001/2009 Anbient conditions 2000 m ambient temperature 40 +70 °C • during storage -55 +80 °C • during storage<	General technical data	
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operating state 1.6 W insulation voltage with degree of pollution 3 at AC rated value 680 V surge voltage resistance rated value 64V maximum permissible voltage for protective separation in networks with grounded star point 64V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • 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 EX II (2) GD certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions 2000 m ambient temperature 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 adjustable current response value cur	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 auxiliary circuit 58/ 11 ms type of protection according to ATEX directive 2014/34/EU Ext II (2) GD certificate of suitability according to ATEX directive 2014/34/EU Ext II (2) GD Ambient conditions 1001/2009 Ambient conditions 1001/2009 Ambient conditions 2000 m ambient temperature -40		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 circuit 440 V shock resistance according to IEC 60068-2-27 Bg / 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 installation altitude at height above sea level maximum 2 000 m adjuing storage -55 +80 °C • during transport -55 +80 °C relative humidity during operation 10 95 % </th <th>• per pole</th> <th>1.6 W</th>	• per pole	1.6 W
maximum permissible voltage for protective separation in networks with grounded star point Adv • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • Shock resistance according to ATEX directive 2014/34/EU DMT 98 ATEX 6 001 • reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient conditions 10/01/2009 • insta	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 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 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 Ex II (2) GD directificate of suitability according to ATEX directive 2014/34/EU Ex II (2) GD atilitation altitude at height above sea level maximum 2 000 m ambient temperature 40 +70 °C • during groage -55 +80 °C • during transport -45 +80 °C r	surge voltage resistance rated value	6 kV
• between auxillary and auxillary circuit 440 ∨ • between main and auxillary circuit 58 / 11 ms • between main and auxillary circuit 50 / 11 ms • circuit DMT 98 ATEX 6 001 • reference code according to ATEX directive 2014/34/EU DMT 98 ATEX 6 001 • Ambient conditions 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 • temperature • during circuit • adjustable current circuit 3 • adjustable current circu		
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• 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 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 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 0.11 0.16 A operating frequency rated value 690 V • at AC-3e rated value 690 V <	 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 installation altitude at height above sea level maximum 2 000 m adming temperature -40 +70 °C • during operation -40 +70 °C • during transport -55 +80 °C • during transport -55 +80 °C • during operation -40 +60 °C relative humidity during operation 10 95 % Main circuit 3 adjustable current response value current of the current- dependent overload release 690 V • e at AC-3e rated value 690 V • e at AC-3e rated value 50 60 Hz operational current rated value 0.16 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 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 690 V • at AC-3e rated value 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 0.16 A	 between main and auxiliary circuit 	440 V
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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 temperature compensation -40 +60 °C relative humidity during operation 10 +50 °C mumber of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release 0.11 0.16 A operating voltage 690 V • at AC-3e rated value 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 0.16 A operational current rated value 0.16 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 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- 0.11 0.16 A operating voltage 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.16 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 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 0.11 0.16 A operating voltage 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.16 A operational current at AC-3e at 400 V rated value 0.16 A	Substance Prohibitance (Date)	10/01/2009
ambient temperature -40 +70 °C • during operation -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 0.11 0.16 A operating voltage 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.16 A operational current at AC-3e at 400 V rated value 0.16 A	Ambient conditions	
• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °Ctemperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release0.11 0.16 Aoperating voltage690 V• rated value690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperational current at AC-3e at 400 V rated value0.16 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 0.11 0.16 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 0.16 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 0.11 0.16 A operating voltage - • rated value 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.16 A operational current at AC-3e at 400 V rated value 0.16 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 0.11 0.16 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 0.16 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 0.11 0.16 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 0.16 A operational current at AC-3e at 400 V rated value 0.16 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 0.11 0.16 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 0.16 A operational current at AC-3e at 400 V rated value 0.16 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 0.11 0.16 A operating voltage rated value 690 V at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.16 A operational current at AC-3e at 400 V rated value 0.16 A operational current at AC-3e at 400 V rated value 0.16 A operational current at AC-3e at 400 V rated value	relative humidity during operation	10 95 %
adjustable current response value current of the current- 0.11 0.16 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 0.16 A operational current at AC-3e at 400 V rated value 0.16 A	Main circuit	
dependent overload release Image: Comparing voltage 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 0.16 A operational current at AC-3e at 400 V rated value 0.16 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 50 60 Hz operational current rated value 0.16 A operational current at AC-3e at 400 V rated value 0.16 A		0.11 0.16 A
• at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 0.16 A operational current at AC-3e at 400 V rated value 0.16 A	operating voltage	
operating frequency rated value50 60 Hzoperational current rated value0.16 Aoperational current at AC-3e at 400 V rated value0.16 A	rated value	690 V
operational current rated value 0.16 A operational current at AC-3e at 400 V rated value 0.16 A	 at AC-3e rated value maximum 	690 V
operational current at AC-3e at 400 V rated value 0.16 A	operating frequency rated value	50 60 Hz
	operational current rated value	0.16 A
operating power	operational current at AC-3e at 400 V rated value	0.16 A
	operating power	

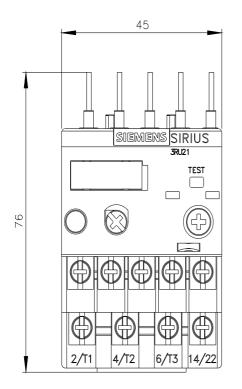
• at AC-3			
— at 400 V rated value	0.04 kW		
— at 500 V rated value	0.06 kW		
— at 690 V rated value	0.06 kW		
• at AC-3e			
— at 400 V rated value	0.04 kW		
— at 500 V rated value	0.06 kW		
— at 690 V rated value	0.06 kW		
Auxiliary circuit			
design of the auxiliary switch	integrated		
number of NC 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 200 V	1A		
• at 690 V	0.75 A		
operational current of auxiliary contacts at DC-13			
• at 24 V	2 A		
• at 24 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	01.400.40		
Protective and monitoring functions trip class	CLASS 10		
Protective and monitoring functions trip class design of the overload release	CLASS 10 thermal		
Protective and monitoring functions trip class design of the overload release UL/CSA ratings			
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	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	thermal 0.16 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	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	thermal 0.16 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	thermal 0.16 A 0.16 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	thermal 0.16 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	thermal 0.16 A 0.16 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	thermal 0.16 A 0.16 A fuse gG: 6 A, quick: 10 A any		
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	thermal 0.16 A 0.16 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	thermal 0.16 A 0.16 A fuse gG: 6 A, quick: 10 A any		
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	thermal 0.16 A 0.16 A 1.6 A 1.		
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	thermal 0.16 A 0.16 A 1.6 A 1.6 A 1.6 A 1.6 A 1.6 A 1.7 A 1.		
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	thermal 0.16 A 0.16 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	thermal 0.16 A 0.16 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	thermal 0.16 A 0.16 A 0.16 A 1.10 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	thermal 0.16 A 0.16 A 0.16 A 1.10 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	thermal 0.16 A 0.16 A 0.16 A 1.6 A 1.6 A 1.6 A 1.7 A 1		
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	thermal 0.16 A 0.16 A 0.16 A 16 A 17 17 17 17 17 17 17 17 17 17		
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 • 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 0.16 A 0.16 A 0.16 A 1.6 A 1.6 A 1.7 fuse gG: 6 A, quick: 10 A 1.7 any Contactor mounting 76 mm 45 mm 70 mm 1.7 No Ring cable lug connection ring terminal lug connection		
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 • 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 0.16 A 0.16 A 0.16 A 1.6 A 1.6 A 1.7 fuse gG: 6 A, quick: 10 A 1.7 any Contactor mounting 76 mm 45 mm 70 mm 1.7 No Ring cable lug connection ring terminal lug connection		
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 auxiliary and control circuit arrangement of electrical connectors for main current circuit tightening torque	thermal 0.16 A 0.16 A 0.16 A 1.6 A 1		
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 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 for auxiliary and control circuit arrangement of electrical connectors for main current circuit if or main contacts for ring cable lug for auxiliary contacts for ring cable lug 	thermal 0.16 A 0.16 A 0.16 A 1.2 0.8 N·m		
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 at 600 V rated value for 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	thermal 0.16 A 0.16 A 0.16 A 1.2 0.8 N·m 0.8 1.2 N·m 0.8 1.2 N·m 0.8 1.2 N·m		
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 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 auxiliary and control circuit arrangement of electrical connectors for main current circuit ifor auxiliary contacts for ring cable lug for auxiliary contacts for ring cable lug for auxiliary contacts for ring cable lug outer diameter of the usable ring cable lug maximum design of screwdriver shaft 	thermal 0.16 A 0.16 A 0.16 A 1.2 0.8 N·m 0.8 1.2 N·m 7.5 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 at 600 V rated value for 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	thermal 0.16 A 0.16 A 0.16 A 1.2 0.8 N·m 0.8 1.2 N·m Diameter 5 6 mm		

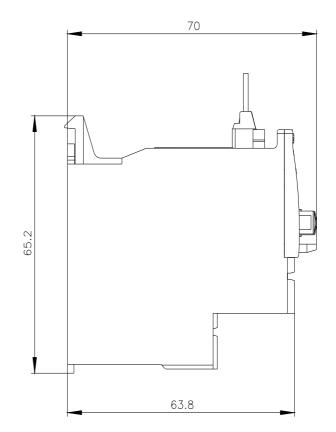
• for main contacts		M3		
 of the auxiliary and control contacts 		M3		
Safety related data				
failure rate [FIT] with low demand rate according	to SN 31920	50 FIT		
MTTF with high demand rate		2 280 a		
T1 value for proof test interval or service life acco 61508	rding to IEC	20 a		
protection class 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 hazardou	s locations
Confirmation	(U) u	EAC	IECEx	K ATEX
Declaration of Conformity	Test Certificate	es	Marine / Shipping	
UK CE CA CE	<u>Type Test Cer</u> ates/Test Rep	tific <u>- Special Test Ce</u> port <u>ate</u>	ertific- ABS	B U REAU VERITAS
Marine / Shipping				other
Llovd's Register	PRS	RINA	RMRS	<u>Confirmation</u>
Railway				

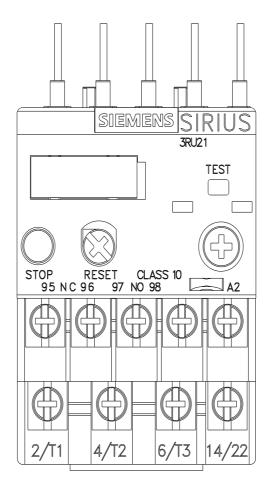
Vibration and Shock

urther information	
	ded to exit the Russian market (see here). hs.com/global/en/pressrelease/siemens-wind-down-russian-business
	g 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 a et (other than the sanctioned EAEU member states Russia or Belarus).
Information on the	packaging
https://support.indus	stry.siemens.com/cs/ww/en/view/109813875
Information- and D	ownloadcenter (Catalogs, Brochures,)
https://www.siemen	s.com/ic10
Industry Mall (Onli	ne ordering system)
https://mall.industry	siemens.com/mall/en/en/Catalog/product?mlfb=3RU2116-0AJ0
Cax online genera	tor
http://support.autom	nation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2116-0AJ0
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	roduct images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) ion.siemens.com/bilddb/cax_de.aspx?mlfb=3RU2116-0AJ0⟨=en
	pping characteristics, I ² t, Let-through current stry.siemens.com/cs/ww/en/ps/3RU2116-0AJ0/char
	stics (e.g. electrical endurance, switching frequency) ion.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2116-0AJ0&objecttype=14&gridview=view1

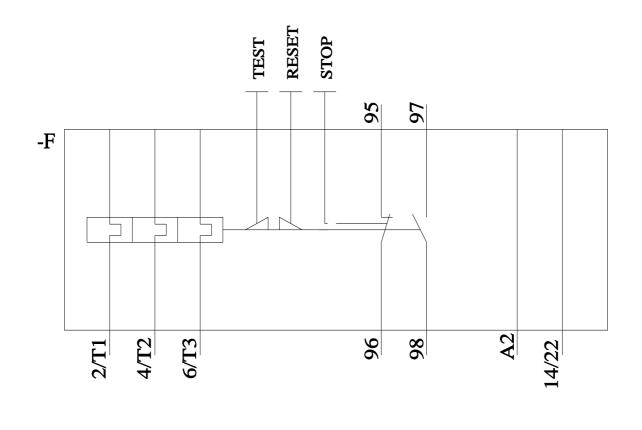
7/10/2023







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3/8/2022 🖸