SIEMENS

Data sheet

3RU2116-4AC1



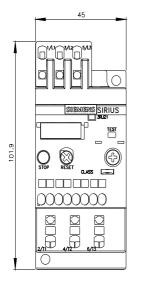
Overload relay 11...16 A Thermal For motor protection Size S00, Class 10 Standalone installation Main circuit: Spring-type terminal Auxiliary circuit: spring-type terminal Manual-Automatic-Reset

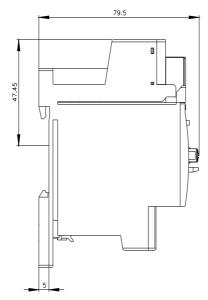
product designation thermal overload relay groduct type designation 3RU2 General technical data - exact of overload relay S00 size of overload relay S00 size of contactor can be combined company-specific S00 operating technical data 8.1 W operating state 8.1 W operating state 6.6 V surge voltage resistance rated value 6.6 V 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 stabck resistance according to ICE 80196-2-2	and had been deeper	
product type designation 3RU2 Ceneral technical data	product brand name	SIRIUS
Ceneral technical data S00 size of overload relay S00 size of contactor can be combined company-specific S00 operating state S00 • per pole 2.7 W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 61V 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 main and auxiliary circuit 440 V • between auxiliary and circuit 440 V • between main and auxiliary circuit 440 V • between auxiliary discuit 50 M	· · · · · · · · · · · · · · · · · · ·	
size of overload relay S00 size of contactor can be combined company-specific S00 power loss [M] for rated value of the current at AC in hot operating state 8.1 W • per pole 2.7 W insulation voltage with degree of pollution 3 at AC rated value 680 V surge voltage resistance rated value 680 V surge voltage resistance rated value 64V maximum permissible voltage for protective separation in networks with grounded star point 440 V • between main and auxiliary circuit 440 V • between 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 installation allitude at height above sea level maximum 2 000 m ambient conditions -1000000000000000000000000000000000000		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 8.1 W • per pole 2.7 W 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 and auxiliary circuit 40 V </th <th></th> <th></th>		
power loss [W] for rated value of the current at AC in hot operating state 8.1 W • per pole 2.7 W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 690 V • between auxiliary and auxiliary circuit 440 V • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 440 V • Super collar cording to ATEX directive 2014/34/EU EX II (2) GD • during operation according to IEC 81346-2 F • Substance Prohibitance (Date) 1001/2009 Ambient conditions		
operating state 2.7 W insultation 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 train train auxiliary circuit 58/ 11 ms type of protection according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 installation altitude at height above sea level maximum 2 000 m amb		
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 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) 100/1/2009 Ambient conditions 100/1/2009 installat		8.1 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 duration • 001/2009 Ambient conditions 10/01/2009 installation altitude at height above sea leve	• per pole	2.7 W
maximum permissible oitage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit 440 V • between main and auxiliary circuit 0011/2009 Ambient conditions 1001/2009 installation altitude at height above sea level maximu	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 81346-2 F Substance Prohibitance (Date) 10/01/2009 Ambient temperature - • during operation -40 +70 °C • during storage -55 +80 °C • during transport -55 +80 °C • during transport -55 +80 °C Itameter - number of poles for main current circuit 3 adjustable current resones value current of the current- - operating voltage - • crated value 690 V • at AC-3e rated	surge voltage resistance rated value	6 kV
between auxiliary 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 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 adbient temperature oluring operation -40 +70 °C oluring storage -55 +80 °C temperature compensation -40 +70 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current- deportent overload release operating requency rated value 690 V oat AC-3e rated value maximum 690 V operating frequency rated value 16 A operational current at AC-3e at 400 V rated value		
 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 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 installation altitude at height above sea level maximum 2 000 m ambient temperature during operation 40 +70 °C during transport -55 +80 °C mumber of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release operating roltage et AC-3e rated value maximum 690 V et AC-3e rated value maximum 690 V operating frequency rated value 600 V operational current rated value 600 V operational current rated value 600 V operational current rated value 600 V et AC-3e rated value maximum 600 V operational current rated value 64 A 	 between auxiliary 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 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 690 V • at AC-3e rated value 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 50 60 Hz operating frequency rated value 50 60 Hz operational current rat AC-3e at 400 V rated value 16 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 installation altitude at height above sea level maximum 2 000 m e during operation -40 +70 °C • during storage -55 +80 °C • during transport -55 +80 °C • during operation 10 95 % Main circuit 3 adjustable current response value current of the current- 11 16 A dependent overload release 690 V • et AC-3e rated value 690 V • et AC-3e rated value 690 V • et AC-3e rated value 50 60 Hz operational current rated value 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 installation altitude at height above sea level maximum 2 000 m ambient temperature - • during operation -40 +70 °C • during storage -55 +80 °C • during operation -40 +60 °C relative humidity during operation 10	 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 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- 11 16 A operating voltage 690 V • at AC-3e rated value 690 V • at AC-3e rated value 50 60 Hz operational current rated value 50 60 Hz operational current at AC-3e at 400 V rated value 16 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 -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 11 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 16 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 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 11 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 50 60 Hz operational current rated value 16 A	certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
Ambient conditions 2 000 m 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 -10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- 11 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 16 A operational current at AC-3e at 400 V rated value 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- 11 16 A operating voltage 690 V • rated value 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 16 A operational current at AC-3e at 400 V rated value 16 A	Substance Prohibitance (Date)	10/01/2009
ambient temperature• during operation-40 +70 °C• during storage-55 +80 °C• during transport-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 release11 16 Aoperating voltage690 V• rated value690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperational current rated value16 Aoperational current at AC-3e at 400 V rated value16 A	Ambient conditions	
• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °C• temperature 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 release11 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 value16 Aoperational current at AC-3e at 400 V rated value16 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 11 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 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 11 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 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 11 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 16 A operational current at AC-3e at 400 V rated value 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 11 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 16 A operational current at AC-3e at 400 V rated value 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 11 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 16 A operational current at AC-3e at 400 V rated value 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 11 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 16 A operational current at AC-3e at 400 V rated value 16 A	relative humidity during operation	10 95 %
adjustable current response value current of the current- 11 16 A dependent overload release 11 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 16 A operational current at AC-3e at 400 V rated value 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 16 A operational current at AC-3e at 400 V rated value 16 A	number of poles for main current circuit	3
rated value 690 V 690 V operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 16 A		11 16 A
• at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 16 A operational current at AC-3e at 400 V rated value 16 A	operating voltage	
operating frequency rated value 50 60 Hz operational current rated value 16 A operational current at AC-3e at 400 V rated value 16 A	rated value	690 V
operational current rated value 16 A operational current at AC-3e at 400 V rated value 16 A	• at AC-3e rated value maximum	690 V
operational current at AC-3e at 400 V rated value 16 A	operating frequency rated value	50 60 Hz
	operational current rated value	16 A
operating power	operational current at AC-3e at 400 V rated value	16 A
	operating power	

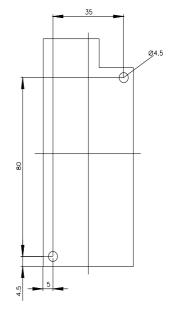
-+ 40.0	
• at AC-3	
— at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 kW
• at AC-3e	
— at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 kW
Auxiliary circuit	
design of the auxiliary switch	integrated
number of NC contacts for auxiliary 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	CLASS 10
Protective and monitoring functions trip class	CLASS 10 thermal
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 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 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 16 A 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 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 16 A 16 A 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 16 A 16 A 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 16 A 16 A 16 A fuse gG: 6 A, quick: 10 A any stand-alone installation
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	thermal 16 A 16 A 16 A fuse gG: 6 A, quick: 10 A any stand-alone installation 102 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	thermal 16 A 16 A 16 A 16 A 17 A 18 A 19 A 19 A 19 A 10 A 10 A 10 2 mm 10 2 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 16 A 16 A 16 A fuse gG: 6 A, quick: 10 A any stand-alone installation 102 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	thermal 16 A 16 A 16 A 16 A 17 A 18 A 19 A 19 A 19 A 10 A 10 A 10 2 mm 45 mm 79 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 16 A 16 A 16 A 16 A 17 A 18 A 19 A 19 A 19 A 10 A 10 A 10 2 mm 10 2 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 control circuit	thermal 16 A 16 A 16 A 16 A 17 A 18 A 19 A 19 A 19 A 10 A 10 A 10 2 mm 45 mm 79 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 16 A 16 A 16 A 16 A fuse gG: 6 A, quick: 10 A any stand-alone installation 102 mm 45 mm 79 mm No
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit	thermal 16 A 16 A 16 A 16 A fuse gG: 6 A, quick: 10 A any stand-alone installation 102 mm 45 mm 79 mm No No spring-loaded terminals
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 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	thermal 16 A 16 A 16 A 16 A fuse gG: 6 A, quick: 10 A any stand-alone installation 102 mm 45 mm 79 mm No
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 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 16 A 16 A 16 A 16 A 17 A 18 A 19 A 19 A 19 A 10 A 10 A 102 mm 45 mm 79 mm 102 mm 103 A 104 A 105 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 • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections	thermal 16 A 16 A 16 A 16 A 17 A 18 A 19 A 19 A 19 A 10 A 10 A 102 mm 45 mm 79 mm 102 mm 103 A 104 A 105 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 type of electrical connection for auxiliary and control circuit for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts for main contacts 	thermal 16 A 16 A 16 A 16 A 17 A 18 A 19 A 19 A 19 A 10 A 102 mm 45 mm 79 mm 79 mm No No Spring-loaded terminals spring-loaded terminals Top and bottom
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 • 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 16 A 16 A 16 A 16 A 17 A 18 A 19 A 19 A 19 A 10 A 102 mm 45 mm 79 mm 102 mm 102 mm 11 (0,5 4 mm²)
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 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 type of connectable conductor cross-sections e for main contacts — solid or stranded — finely stranded with core end processing	thermal 16 A 16 A 16 A 16 A 17 A 18 A 19 A 19 A 19 A 10 A 10 A 102 mm 45 mm 79 mm 79 mm No No Spring-loaded terminals spring-loaded terminals Top and bottom 1x (0,5 4 mm²) 1x (0.5 2.5 mm²)
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 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 for auxiliary and control circuit for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing 	thermal 16 A 16 A 16 A fuse gG: 6 A, quick: 10 A any stand-alone installation 102 mm 45 mm 79 mm No spring-loaded terminals spring-loaded terminals Top and bottom 1x (0,5 4 mm²) 1x (0.5 2.5 mm²) 1x (0.5 2.5 mm²)
Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 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 type of connectable conductor cross-sections e for main contacts — solid or stranded — finely stranded with core end processing	thermal 16 A 16 A 16 A 16 A 17 A 18 A 19 A 19 A 19 A 10 A 10 A 102 mm 45 mm 79 mm 79 mm No No 102 minute for the formula and t

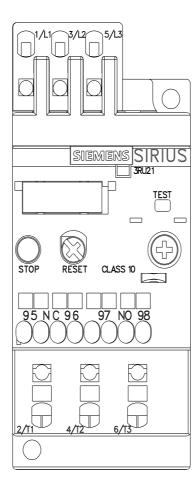
for AWG cables for design of screwdriver size of the screwdriver Safety related data failure rate [FIT] with low MTTF with high deman T1 value for proof test in 61508 protection class IP on	shaft r tip v demand rate according f nd rate nterval or service life acco the front according to IEC e front according to IEC	to SN 31920 rding to IEC EC 60529	2x (0.5 2.5 mm ²) 2x (0.5 1.5 mm ²), 2x (0.75 2x (0.5 1.5 mm ²) 2x (20 14) Diameter 3 mm 3,0 x 0,5 mm 50 FIT 2 280 a 20 a IP20 finger-safe, for vertical conta		
General Product Appro	oval			For use in hazardous	locations
	<u>Confirmation</u>	٩	EAC	K ATEX	IECEx
Declaration of Conform	mity	Test Certificate	S	Marine / Shipping	
UK CA	CE EG-Konf.	<u>Special Test Ce</u> ate	rtific- <u>Type Test Certific-</u> ates/Test Report	ABS	B U RE AU VERITAS
Marine / Shipping					other
0 0		(FT)			Confirmation
	Lloyd's Register uts	PRS	RINA	RMRS	
other	Lins Railway	PRS	RINA	RMRS	
other VDE	Railway Vibration and Shock	PRS	RINA	RMRS	
other VDE		PRS	RINA	RMRS	

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2116-4AC1&objecttype=14&gridview=view1

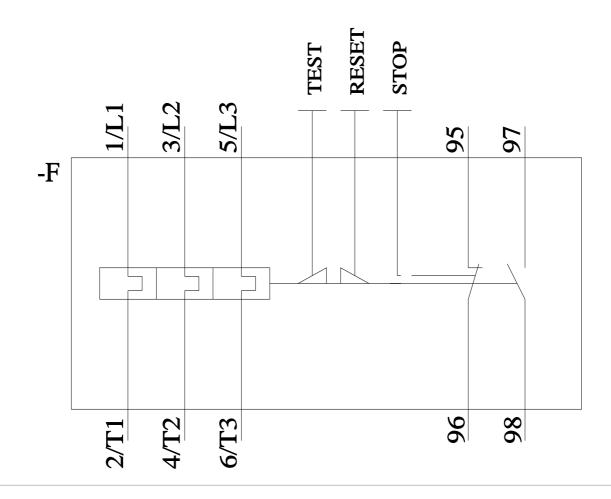








7/10/2023



last modified:

