## SIEMENS

## Data sheet

## 3RU2116-0HB1



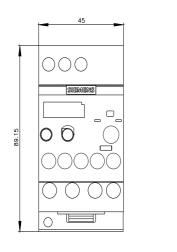
Overload relay 0.55...0.80 A Thermal For motor protection Size S00, Class 10 Stand-alone installation Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

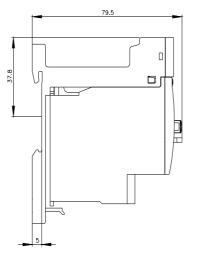
product brand name         SIRIUS           product dispination         thermal overload relay           general tachnical data         stize of verdoad relay           size of contactor can be combined company-specific         S00           power loss [W] for rated value of the current at AC in hot operating state         4.8 W           operating state         600 V           surge voltage with degree of pollution 3 at AC rated value         600 V           surge voltage with degree of pollution 3 at AC rated value         600 V           surge voltage with degree of pollution 3 at AC rated value         600 V           surge voltage with degree of pollution 3 at AC rated value         600 V           surge voltage with degree of pollution 3 at AC rated value         600 V           surge voltage with auxiliary circuit         440 V           • between main and auxiliary circuit         40 ··· + 10 ··C		
product type designation         3RU2           General technical data		
Ceneral technical data         S00           size of overload relay         S00           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         600 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 auxiliary according to CEC 80068-227         Bg /11 ms           type of protection according to IEC 810462-21         F           Substance Prohibitance (Date)         100/1/2009           Ambient conditions         2000 m           ambient temperature         40		
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     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       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 and auxiliary circuit     40 V       • between main and auxiliary circuit     50 Vireate C G 001		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       980 V         surge voltage resistance rated value       6 kV         maximum parmissible 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         shock resistance according to ATEX directive 2014/34/EU       EX III (2) GD         certificate of utability 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       -55 +80 °C         • during storage       -55 +80 °C         • during transport <th></th> <th></th>		
power loss [W] for rated value of the current at AC in hot     4.8 W       operating state     4.8 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 auxiliary and auxiliary circuit     440 V       • between main and auxiliary circuit     400 V       • between main and auxiliary circuit     500 F       • grant contract caccording to ATEX directive 2014/34/EU     DMT 98 ATEX G 001       reference code according to IEC 81346-2     F <th>· · · · · · · · · · · · · · · · · · ·</th> <th></th>	· · · · · · · · · · · · · · · · · · ·	
operating stete       1.6 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 thin and auxiliary circuit       640 V         • between thin and auxiliary circuit       58/11 ms         type of protection according to ATEX directive 2014/34/EU       DMT 98 ATEX 6 001         certificate of suitability according to ATEX directive 2014/34/EU		
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     6 kV       • between auxiliary and auxiliary circuit     440 V       • between main and auxiliary circuit     440 V       • between auxiliary circuit     440 V       • between main and auxiliary circuit     440 V       • between auxiliary circuit     50 C       • gettrishilty according to ATEX directive 2014/34/EU     DNT 98 ATEX G 001       reference code according to IEC 81346-2     F       Substance Prohibitance (Date)     1001/2009       Ambient conditions     1001/2009       installation altitude at height above sea level maximum </th <th></th> <th></th>		
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         • between auxiliary circuit       50 ////////////////////////////////////	• per pole	1.6 W
Imaximum permissible voltage for protective separation in networks with grounded star point       440 V <ul> <li>between auxiliary and auxiliary circuit</li> <li>between main and auxiliary circuit</li> <li>between main and auxiliary circuit</li> <li>440 V</li> <li>shock resistance according to IEC 60068-2-27</li> <li>8g / 11 ms</li> <li>type of protection according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>DMT 98 ATEX G 001</li> <li>reference code according to IEC 81345-2</li> <li>F</li> <li>Substance Prohibitance (Date)</li> <li>10/01/2009</li> <li>Ambient conditions</li> <li>antialiation altitude at height above sea level maximum</li> <li>2 000 m</li> <li>ambient temperature</li> <li>during storage</li> <li>-55 +80 °C</li> <li>during transport</li> <li>-55 +80 °C</li> <li>temperature compensation</li> <li>-40 +60 °C</li> <li>relative humidity during operation</li> <li>0 95 %</li> <li>Main circuit</li> <li>adjustable current circuit</li> <li>3</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating requency rated value</li> <li>690 V</li> <li>et at C-3e rated value maximum</li> <li>690 V</li> <li>et at C-3e rated value</li> <li>0.8 A</li> <li>operational current at AC-3e at 400 V rated value</li></ul>	insulation voltage with degree of pollution 3 at AC rated value	690 V
networks with grounded star point       440 V <ul> <li>between auxiliary and auxiliary circuit</li> <li>440 V</li> <li>between main and auxiliary circuit</li> <li>440 V</li> <li>between main and auxiliary circuit</li> <li>440 V</li> <li>shock resistance according to IEC 60068-2:7</li> <li>Bg / 11 ms</li> <li>type of protection according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> <li>antistallation altitude at height above sea level maximum</li> <li>2 000 m</li> <li>ambient temperature</li> <li>during operation</li> <li>40 +70 °C</li> <li>during transport</li> <li>-55 +80 °C</li> <li>temperature compensation</li> <li>40 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>adjustable current release</li> <li>operating ofteguency rated value maximum</li></ul>	surge voltage resistance rated value	6 kV
between 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)     10/1/2009     Ambient conditions     installation altitude at height above sea level maximum     ambient temperature         • during operation         -40 +70 °C         • during storage         -55 +80 °C         temperature compensation         -40 +70 °C         relative humidity during operation         -40 +70 °C         relative humidity during operation         -40 +70 °C         ouring transport         -55 +80 °C         temperature         ouring transport         -55 +80 °C         temperature teopensation         -40 +70 °C         ouring transport         -55 +80 °C         temperature teopensation         -40 +70 °C         ouring transport         -55 +80 °C         temperature teopensation         -55 +80 °C         terted value         operating voltage         other         operation         operation         operation         other         operating voltage         other         operating voltage         operating frequency rated value         operating frequency rated value         operational current rated value         operational current at AC-3e at 400 V rated value         operational current at AC-3e at 400 V rated value		
<ul> <li>between main and auxiliary circuit</li> <li>between main and auxiliary circuit</li> <li>440 V</li> <li>between main and auxiliary circuit</li> <li>440 V</li> <li>shock resistance according to IEC 60068-2-27</li> <li>8g / 11 ms</li> <li>type of protection according to ATEX directive 2014/34/EU</li> <li>Ex II (2) GD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>DIT 98 ATEX G 001</li> <li>reference code according to IEC 81346-2</li> <li>F</li> <li>Substance Prohibitance (Date)</li> <li>10/01/2009</li> <li>Ambient conditions</li> <li>installation attitude at height above sea level maximum</li> <li>2 000 m</li> <li>ambient strange the strange of C</li> <li>during transport</li> <li>-55 +80 °C</li> <li>during transport</li> <li>-55 +80 °C</li> <li>during transport</li> <li>-55 +80 °C</li> <li>temperature compensation</li> <li>40 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>adjustable current response value current of the current- dependent overload release</li> <li>operating rolage</li> <li>et at AC-3e rated value maximum</li> <li>690 V</li> <li>et at AC-3e rated value maximum</li> <li>690 V</li> <li>et at AC-3e rated value</li> <li>690 V</li> <li>et AC-3e rated</li></ul>	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	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       • 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- dependent overload release     0.55 0.8 A       operating requency rated value     690 V       • at AC-3e rated value maximum     690 V       • at AC-3e rated value     690 V    <	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	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         adminint temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         • during operation       -40 +70 °C         • during transport       -55 +80 °C         • during operation       10 95 %         Main circuit       3         adjustable current response value current of the current- dependent overload release       0.55 0.8 A         operating rollage       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       50 60 Hz         operational current rated value       0.8 A	<ul> <li>between main and auxiliary circuit</li> </ul>	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	<ul> <li>between main and auxiliary circuit</li> </ul>	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         adbient 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       0.8 A         operational current at AC-3e at 400 V rated value       0.8 A	shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code acording to IEC 81346-2       F         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2 000 m         installation allitude 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         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       0.55 0.8 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       50 60 Hz         operational current rated value       0.8 A         operational current at AC-3e at 400 V rated value       0.8 A	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date)       10/01/2009         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       -       -         operating voltage       -       -       0.55 0.8 A       -         operating voltage       -       -       -       0.55 0.8 A       -         operating voltage       690 V       -       -       -       -       -       -         operating frequency rated value       690 V       -<	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       -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-       0.55 0.8 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       0.8 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       0.55 0.8 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       0.8 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       0.55 0.8 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       0.8 A         operational current at AC-3e at 400 V rated value       0.8 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 release0.55 0.8 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 value0.8 Aoperational current at AC-3e at 400 V rated value0.8 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       0.55 0.8 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       0.8 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       0.55 0.8 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       0.8 A         operational current at AC-3e at 400 V rated value       0.8 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       0.55 0.8 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       0.8 A         operational current at AC-3e at 400 V rated value       0.8 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       0.55 0.8 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       0.8 A         operational current at AC-3e at 400 V rated value       0.8 A	<ul> <li>during transport</li> </ul>	-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       0.55 0.8 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       0.8 A         operational current at AC-3e at 400 V rated value       0.8 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       0.55 0.8 A         operating voltage <ul> <li>rated value</li> <li>690 V</li> <li>at AC-3e rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>operational current rated value</li> <li>0.8 A</li> </ul> operational current at AC-3e at 400 V rated value         0.8 A           operational current at AC-3e at 400 V rated value         0.8 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-       0.55 0.8 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       0.8 A         operational current at AC-3e at 400 V rated value       0.8 A	Main circuit	
dependent overload release       additional control of the second contrel of the second contex and control of the second control of the	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       0.8 A         operational current at AC-3e at 400 V rated value       0.8 A	•	0.55 0.8 A
• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperational current rated value0.8 Aoperational current at AC-3e at 400 V rated value0.8 A	operating voltage	
operating frequency rated value     50 60 Hz       operational current rated value     0.8 A       operational current at AC-3e at 400 V rated value     0.8 A	• rated value	690 V
operational current rated value     0.8 A       operational current at AC-3e at 400 V rated value     0.8 A	• at AC-3e rated value maximum	690 V
operational current at AC-3e at 400 V rated value 0.8 A	operating frequency rated value	50 60 Hz
	operational current rated value	0.8 A
operating power	operational current at AC-3e at 400 V rated value	0.8 A
	operating power	

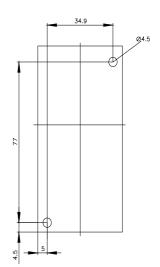
• at AC-3	0.401114		
— at 400 V rated value	0.18 kW		
— at 500 V rated value	0.25 kW		
— at 690 V rated value	0.37 kW		
• at AC-3e			
— at 400 V rated value	0.18 kW		
— at 500 V rated value	0.25 kW		
— at 690 V rated value	0.37 kW		
Auxiliary circuit			
design of the auxiliary switch	integrated		
number 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		
	500071000		
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 0.8 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 0.8 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 0.8 A 0.8 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 0.8 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 0.8 A 0.8 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 0.8 A 0.8 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	thermal 0.8 A 0.8 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 0.8 A 0.8 A 1.8 A 1.8 A 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9		
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 0.8 A 0.8 A fuse gG: 6 A, quick: 10 A any stand-alone installation		
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 0.8 A 0.8 A 1.8 A 1.8 A 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9		
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 0.8 A 0.8 A 0.8 A fuse gG: 6 A, quick: 10 A any stand-alone installation 89 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 0.8 A 0.8 A 0.8 A fuse gG: 6 A, quick: 10 A any stand-alone installation 89 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 0.8 A 0.8 A 0.8 A fuse gG: 6 A, quick: 10 A any stand-alone installation 89 mm 45 mm 80 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 0.8 A 0.8 A 0.8 A fuse gG: 6 A, quick: 10 A any stand-alone installation 89 mm 45 mm 80 mm		
trip class         design of the overload release         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection         <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection</li> </ul> </li>	thermal 0.8 A 0.8 A 0.8 A fuse gG: 6 A, quick: 10 A any stand-alone installation 89 mm 45 mm 80 mm No		
trip class         design of the overload release         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection         <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection             <ul> <li>for main current circuit</li> </ul> </li> </ul></li>	thermal 0.8 A 0.8 A 0.8 A fuse gG: 6 A, quick: 10 A any stand-alone installation 89 mm 45 mm 80 mm Vo No screw-type terminals		
trip class         design of the overload release         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection         <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection             <ul> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> </ul> </li> </ul></li>	thermal 0.8 A 0.8 A 0.8 A 1.  fuse gG: 6 A, quick: 10 A  any stand-alone installation 89 mm 45 mm 80 mm No No Screw-type terminals screw-type terminals		
trip class         design of the overload release         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection         <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection                 <ul> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> </ul> </li> </ul> </li>	thermal 0.8 A 0.8 A 0.8 A 1.  fuse gG: 6 A, quick: 10 A  any stand-alone installation 89 mm 45 mm 80 mm No No Screw-type terminals screw-type terminals		
trip class         design of the overload release         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection         <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection                 <ul> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections</li> </ul> </li> </ul></li>	thermal 0.8 A 0.8 A 0.8 A 1.  fuse gG: 6 A, quick: 10 A  any stand-alone installation 89 mm 45 mm 80 mm No No Screw-type terminals screw-type terminals		
trip class         design of the overload release         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection         <ul> <li>design of the fuse link</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection                 <ul> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> </ul> </li> </ul> </li> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections                  <ul> <li>for main contacts</li> <li>for main contacts</li> </ul> </li>	thermal 0.8 A 0.8 A 0.8 A 1.8		
trip class         design of the overload release         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection</li> <li>design of the fuse link         <ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>for auxiliary and control circuit</li> <li>for auxiliary and control circuit</li> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections</li> <li>for main contacts             <ul> <li>avoid or stranded</li> </ul> </li> </ul></li>	thermal         0.8 A         0.8 A         fuse gG: 6 A, quick: 10 A         any         stand-alone installation         89 mm         45 mm         80 mm         No         screw-type terminals         screw-type terminals         Top and bottom         2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²         2x (0.5 1.5 mm²), 2x (0.75 2,5 mm²)		
trip class         design of the overload release         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> Short-circuit protection         design of the fuse link <ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul> 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         ofor auxiliary and control circuit         arrangement of electrical connectors for main current circuit         type of connectable conductor cross-sections         of ro main contacts         - solid or stranded         - finely stranded with core end processing         of rAWG cables for main contacts	thermal 0.8 A 0.8 A 0.8 A fuse gG: 6 A, quick: 10 A any stand-alone installation 89 mm 45 mm 80 mm No No Screw-type terminals screw-type terminals Top and bottom 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²		
trip class         design of the overload release         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> <li>Short-circuit protection</li> <li>design of the fuse link         <ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>for main contacts                  <ul> <li>solid or stranded</li> <li>main core end processing</li> </ul> </li> </ul> </li>	thermal         0.8 A         0.8 A         fuse gG: 6 A, quick: 10 A         any         stand-alone installation         89 mm         45 mm         80 mm         No         screw-type terminals         screw-type terminals         Top and bottom         2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²         2x (0.5 1.5 mm²), 2x (0.75 2,5 mm²)		

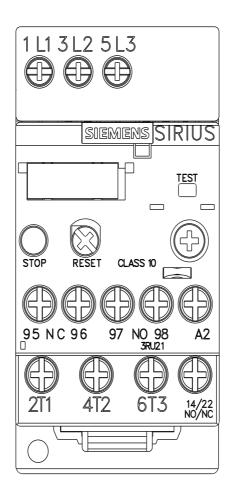
— finely strand	<ul> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> </ul>		2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )		
tightening torque • for main contacts • for auxiliary contacts	for auxiliary contacts s with screw-type terminals acts with screw-type termi		2x (20 16), 2x (18 14) 0.8 1.2 N·m 0.8 1.2 N·m		
design of screwdriver			Diameter 5 6 mm		
size of the screwdriver tip		Pozidriv PZ 2			
-	of the connection screw				
<ul> <li>for main contacts</li> </ul>	-		M3		
	nd control contacts		M3		
Safety related data					
failure rate [FIT] with lo	w demand rate according	to SN 31920	50 FIT		
MTTF with high dema			2 280 a		
T1 value for proof test i 61508	nterval or service life acco	rding to IEC	20 a		
protection class IP on	the front according to I	EC 60529	IP20		
touch protection on th	ne front according to IEC	60529	finger-safe, for vertical contac	ct from the front	
Display	-				
display version for swite	ching status		Slide switch		
Certificates/ approvals	-				
General Product App	roval			For use in hazardous	locations
	<u>Confirmation</u>	(h) 	EHC	K ATEX	IECEx
Declaration of Confor	rmity	Test Certificat	es	Marine / Shipping	
UK CA	CE EG-Konf.	Special Test Ce ate	ertific- <u>Type Test Certific-</u> ates/Test Report	ABS	
Marine / Shipping					other
	Lloyd's Register uis	PRS	RINA	RMRS	<u>Confirmation</u>
other	Railway				
	<u>Vibration and Shock</u>				
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Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business					
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Cax online generator http://support.automatic	on.siemens.com/WW/CAX	order/default.asp>	k?lang=en&mlfb=3RU2116-0HB	1	

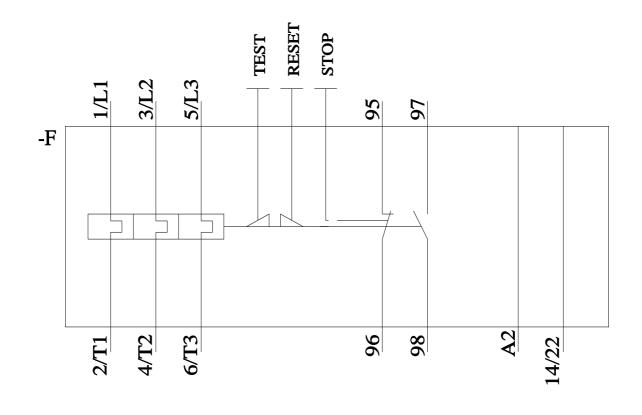
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