## **SIEMENS**

Data sheet 3RU2116-0EB0



Overload relay 0.28...0.40 A Thermal For motor protection Size S00, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

product designation should be product type designation should be seen as the second product type designation should be seen as the second product type designation size of overload relay size of contactor can be combined company-specific so so power loss [W] for rated value of the current at AC in hot operating state per pole should be surge vortage resistance rated value so surge vortage resistance rated value should be surge vortage very surge of sold star your surge vortage very surge of sold star your vortage very surge ver	product brand name	SIRIUS
Size of overload relay  size of contactor can be combined company-specific  power loss [W] for rated value of the current at AC in hot operating state  • per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and current in the circuit of protection according to IEC 60068-2-27  type of protection according to IEC 60068-2-27  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  preference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  aubient temperature  • during operation  • during strange • during transport  • du	product designation	thermal overload relay
size of overload relay  size of contactor can be combined company-specific  power loss [W] for rated value of the current at AC in hot operating state  • per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  surge voltage resistance rated value  68 V  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • Bill (2) GD  DMT 98 ATEX G 001  F  Substance Prohibitance (Date)  • 10/01/2009  Ambient conditions  installation altitude a height above sea level maximum  • during operation  • during storage  • during transport  • during diry during operation  • during transport  • during diry during operation  • during transport  • during operation  • during transport  • during operation  • during operation  • during transport  • during operation  • during operation  • during operation  • during operation  •	product type designation	3RU2
size of contactor can be combined company-specific  power loss IW] for rated value of the current at AC in hot operating state  • per pole  insulation voltage with degree of pollution 3 at AC rated value  • per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • Big / It ms   Ext II (2) GD  certificate of suitability according to ATEX directive 2014/34/EU  DNT 98 ATEX G 001  reference code according to IEC 81346-2  F  Substance Prohibitance (Date)  • J0/01/2009  Ambient conditions  Installation altitude at height above sea level maximum  2 000 m  ambient temperature  • during operation  • 40 +70 °C  • during storage  • during storage  • during transport  -40 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  3 adjustable current response value current of the current-dependent overload release  operating voltage  • rated value	General technical data	
power loss [W] for rated value of the current at AC in hot operating state  • per pole insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and carcording to IEC 60068-2-27  • shock resistance according to IEC 60068-2-27  stype of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  • during storage  • during transport  • during transport  • during transport  • during doperation  • 40 +70 °C  • temperature compensation  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  680 V	size of overload relay	S00
operating state  • per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • between face 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  certificate of suitability according to TEX directive 2014/34/EU  Feference code according to IEC 81346-2  F  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  2 000 m  ambient temperature  • during operation  • during storage  • during transport  -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-dependent overload release  • rated value  • rated value  690 V	size of contactor can be combined company-specific	S00
insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit  • between auxiliary and auxiliary circuit  • between main and auxiliary circuit  • but of protection 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  • during operation  • during storage  • during transport  -55 +80 °C  temperature compensation  relative humidity during operation  40 +60 °C  relative humidity during operation  Main circuit  number of poles for main current circuit  3 adjustable current response value current of the current-dependent overload release  operating voltage  • rated value		4.8 W
surge voltage resistance rated value  maximum permissible voltage for protective separation in networks with grounded star point  • between auxillary and auxillary circuit  • between main and auxiliary circuit  440 V  • between main and auxiliary circuit  450 V  • during particulary auxiliary circuit  440 V  • during	• per pole	1.6 W
maximum permissible voltage for protective separation in networks with grounded star point  • between auxiliary and auxiliary circuit • between main and auxiliary circuit 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  reference code according to IEC 81346-2  Substance Prohibitance (Date) 10/01/2009  Ambient conditions installation altitude at height above sea level maximum 2 000 m  ambient temperature • during operation • during storage • during transport -55 +80 °C  temperature compensation -40 +60 °C relative humidity during operation 10 95 %  Main circuit  number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage • rated value  690 V	insulation voltage with degree of pollution 3 at AC rated value	690 V
networks with grounded star point  • between auxiliary 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  Preference code according to IEC 81346-2  F  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  2 000 m  ambient temperature  • during operation  • during storage  • during transport  -55 +80 °C  temperature compensation  -40 +70 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  3 adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  690 V	surge voltage resistance rated value	6 kV
between auxiliary and auxiliary circuit between main and auxiliary circuit between main and auxiliary circuit between main and auxiliary circuit  440 V  shock resistance according to IEC 60068-2-27 8g / 11 ms  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  DMT 98 ATEX G 001  reference code according to IEC 81346-2 F Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum ambient temperature during operation during storage during transport  during transport  temperature compensation -40 +70 °C during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value  690 V		
between main and auxiliary circuit     between main and auxiliary circuit     between main and auxiliary circuit     shock resistance according to IEC 60068-2-27     8g / 11 ms     type of protection according to ATEX directive 2014/34/EU     certificate of suitability according to ATEX directive 2014/34/EU     DMT 98 ATEX G 001     reference code according to IEC 81346-2     Substance Prohibitance (Date)     10/01/2009  Ambient conditions  installation altitude at height above sea level maximum     2 000 m  ambient temperature     during operation     -40 +70 °C     during storage     during transport     -55 +80 °C     during transport     -40 +60 °C     relative humidity during operation     10 95 %  Main circuit  number of poles for main current circuit     adjustable current response value current of the current-dependent overload release     operating voltage	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
between main and auxiliary circuit     shock resistance according to IEC 60068-2-27     8g / 11 ms     type of protection according to ATEX directive 2014/34/EU     certificate of suitability according to ATEX directive 2014/34/EU     DMT 98 ATEX G 001     reference code according to IEC 81346-2     Substance Prohibitance (Date)     10/01/2009  Ambient conditions  installation altitude at height above sea level maximum     ambient temperature     during operation     during storage     during transport     during transport     temperature compensation     relative humidity during operation  Main circuit  number of poles for main current circuit     adjustable current response value current of the current-dependent overload release  operating voltage     rated value	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
shock resistance according to IEC 60068-2-27  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  DMT 98 ATEX G 001  reference code according to IEC 81346-2  F Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  temperature compensation  relative humidity during operation  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  690 V	<ul> <li>between main and auxiliary circuit</li> </ul>	440 V
type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  pmt 98 ATEX G 001  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  during operation  during storage  during transport  temperature compensation  relative humidity during operation  mumber of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  rated value  e X II (2) GD  DMT 98 ATEX G 001  DMT 98 ATEX G 001  DMT 98 ATEX G 001  PMT 98 ATEX G 001  DMT 98 ATEX G 001  To III (2) GD  DMT 98 ATEX G 001  To III (2) GD  DMT 98 ATEX G 001  To III (2) GD  DMT 98 ATEX G 001  To III (2) GD  DMT 98 ATEX G 001  To III (2) GD  DMT 98 ATEX G 001  F  Substance Prohibitance (Date III (2) GD  To III (2) GD  DMT 98 ATEX G 001  To III (2) GD  To III (3) III (4) III (	<ul> <li>between main and auxiliary circuit</li> </ul>	440 V
certificate of suitability according to ATEX directive 2014/34/EU  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  temperature compensation  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  DMT 98 ATEX G 001  F  DMT 98 ATEX G 001  F  DMT 98 ATEX G 001  F  0.020  DMT 98 ATEX G 001  F  0.020  0.00  ATEX directive 2014/34/EU  DMT 98 ATEX G 001  F  0.00  0.00  DMT 98 ATEX G 001  F  0.00  DMT 98 ATEX G 001  DWT 98 ATEX G	shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport  -40 +70 °C  • during transport  -55 +80 °C  • during transport  -55 +80 °C  temperature compensation -40 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage • rated value	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date)  Ambient conditions installation altitude at height above sea level maximum  2 000 m  ambient temperature  • during operation  • during storage  • during transport  -40 +70 °C  • during transport  -55 +80 °C  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  10/01/2009  10/01/200	certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
installation altitude at height above sea level maximum  ambient temperature  during operation during storage during transport  temperature compensation  -40 +70 °C  during transport -55 +80 °C  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release  operating voltage e rated value  690 V	reference code according to IEC 81346-2	F
installation altitude at height above sea level maximum  ambient temperature  during operation during storage during transport  temperature compensation  -40 +70 °C  -55 +80 °C  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release  operating voltage e rated value  690 V	Substance Prohibitance (Date)	10/01/2009
ambient temperature  • during operation  • during storage  • during transport  -55 +80 °C  • during transport  -55 +80 °C  temperature compensation  -40 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  690 V	Ambient conditions	
<ul> <li>during operation</li> <li>during storage</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>number of poles for main current circuit</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage <ul> <li>rated value</li> <li>690 V</li> </ul> </li> </ul>	installation altitude at height above sea level maximum	2 000 m
<ul> <li>during storage</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>number of poles for main current circuit</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage <ul> <li>rated value</li> <li>690 V</li> </ul> </li> </ul>	ambient temperature	
■ during transport	during operation	-40 +70 °C
temperature compensation -40 +60 °C relative humidity during operation 10 95 %  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release  operating voltage • rated value  - rated value  - rated value  - rated value  - value - va	during storage	-55 +80 °C
relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  10 95 %  0.28 0.4 A  690 V	during transport	-55 +80 °C
Main circuit  number of poles for main current circuit  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  690 V	temperature compensation	-40 +60 °C
number of poles for main current circuit  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  3  0.28 0.4 A  690 V	relative humidity during operation	10 95 %
adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  0.28 0.4 A	Main circuit	
dependent overload release  operating voltage  • rated value  690 V	number of poles for main current circuit	3
• rated value 690 V		0.28 0.4 A
	operating voltage	
• at AC-3e rated value maximum 690 V	• rated value	690 V
	at AC-3e rated value maximum	690 V
operating frequency rated value 50 60 Hz	operating frequency rated value	50 60 Hz
operational current rated value 0.4 A	operational current rated value	0.4 A
operational current at AC-3e at 400 V rated value 0.4 A	operational current at AC-3e at 400 V rated value	0.4 A
operating power	operating power	

• at AC-3	
— at 400 V rated value	0.09 kW
— at 500 V rated value	0.12 kW
— at 690 V rated value	0.18 kW
• at AC-3e	
— at 400 V rated value	0.09 kW
— at 500 V rated value	0.12 kW
— at 690 V rated value	0.18 kW
Auxiliary circuit	
design of the auxiliary switch	integrated
number of NC contacts for auxiliary contacts	1
• note	for contactor disconnection
number of NO contacts for auxiliary contacts	1
• note	for message "Tripped"
number of CO contacts for auxiliary contacts	0
operational current of auxiliary contacts at AC-15	
● at 24 V	3 A
• at 110 V	3 A
• at 120 V	3 A
• at 125 V	3 A
• at 230 V	2 A
● at 400 V	1 A
• at 690 V	0.75 A
operational current of auxiliary contacts at DC-13	
• at 24 V	2 A
• at 60 V	0.3 A
• at 110 V	0.22 A
• at 125 V	0.22 A
● at 220 V	0.11 A
contact rating of auxiliary contacts according to UL	B600 / R300
Protective and monitoring functions	
Protective and monitoring functions trip class	CLASS 10
trip class	CLASS 10 thermal
trip class design of the overload release	
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  0.4 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  0.4 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  0.4 A  0.4 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  0.4 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  0.4 A  0.4 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  0.4 A  0.4 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	thermal  0.4 A  0.4 A  fuse gG: 6 A, quick: 10 A  any  Contactor mounting
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value  Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position fastening method height	thermal  0.4 A  0.4 A  fuse gG: 6 A, quick: 10 A  any  Contactor mounting 76 mm
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 76 mm 45 mm
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A  0.4 A  fuse gG: 6 A, quick: 10 A  any  Contactor mounting 76 mm
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A  1.4 A  fuse gG: 6 A, quick: 10 A  any  Contactor mounting 76 mm 45 mm 70 mm
trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor • 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  0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 76 mm 45 mm
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A  1.4 A  fuse gG: 6 A, quick: 10 A  any  Contactor mounting 76 mm 45 mm 70 mm
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 76 mm 45 mm 70 mm  No
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any  Contactor mounting 76 mm 45 mm 70 mm  No  screw-type terminals
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 76 mm 45 mm 70 mm  No
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any  Contactor mounting 76 mm 45 mm 70 mm  No  Screw-type terminals screw-type terminals
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A  0.4 A  fuse gG: 6 A, quick: 10 A  any  Contactor mounting 76 mm 45 mm 70 mm  No  Screw-type terminals screw-type terminals
trip class  design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit  • for auxiliary and control circuit  arrangement of electrical connectors for main current circuit  type of connectable conductor cross-sections  • for main contacts	thermal  0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 76 mm 45 mm 70 mm  No  screw-type terminals screw-type terminals Top and bottom
trip class  design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 600 V rated value  Short-circuit protection  design of the fuse link  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit  • for auxiliary and control circuit  arrangement of electrical connectors for main current circuit  type of connectable conductor cross-sections  • for main contacts  — solid or stranded	thermal  0.4 A 0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 76 mm 45 mm 70 mm  No  Screw-type terminals screw-type terminals Top and bottom  2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 76 mm 45 mm 70 mm  No  screw-type terminals screw-type terminals Top and bottom  2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 76 mm 45 mm 70 mm  No  Screw-type terminals screw-type terminals Top and bottom  2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²
trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor	thermal  0.4 A 0.4 A 0.4 A  fuse gG: 6 A, quick: 10 A  any Contactor mounting 76 mm 45 mm 70 mm  No  screw-type terminals screw-type terminals Top and bottom  2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)

2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
2x (20 16), 2x (18 14)
0.8 1.2 N·m
0.8 1.2 N·m
Diameter 5 6 mm
Pozidriv PZ 2
M3
M3
50 FIT
2 280 a
20 a
IP20
finger-safe, for vertical contact from the front
Slide switch

**(((**)

Confirmation







For use in hazardous locations



**Declaration of Conformity** 

**General Product Approval** 

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping





LRS







Confirmation

other

other

Railway



Vibration and Shock

## Further information

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

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RU2116-0EB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2116-0EB0

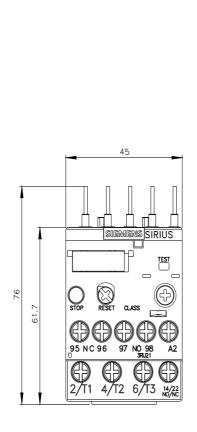
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

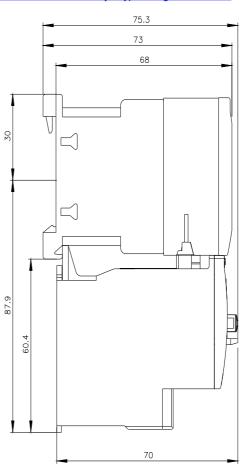
https://support.industry.siemens.com/cs/ww/en/ps/3RU2116-0EB0

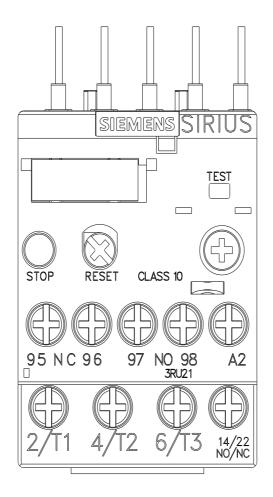
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RU2116-0EB0&lang=en

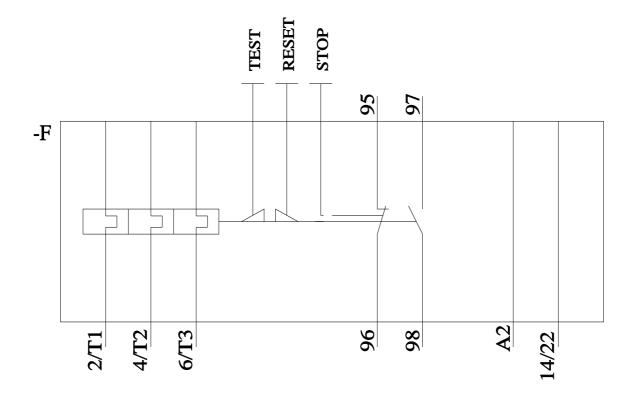
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RU2116-0EB0/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2116-0EB0&objecttype=14&gridview=view1









last modified: 3/8/2022 🖸