# SIEMENS

#### Data sheet

### 3RU2136-4JD1



Overload relay 54...65 A Thermal For motor protection Size S2, Class 10 Standalone installation Main circuit: Screw Auxiliary circuit: spring-type terminal Manual-Automatic-Reset

product brand name         SIRIUS           product designation         btermal overload relay           size of overload relay         S2           size of overload relay         S2           size of overload relay         S2           power loss [M] for rated value of the current at AC in hot operating state         S2           power loss [M] for rated value of the current at AC in hot operating state         S2           power loss [M] for rated value of the current at AC rated value         68V           surge voltage resistance rated value         68V           maximum pernissible voltage for protective separation in networks with grounded star point         415 V           • between main and auxiliary circuit         415 V           • between main and auxiliary circuit         680 V           • between main and auxiliary circuit         690 V           • between main and auxil		
product type designation         3RU2           Ceneral technical data         S2           size of contactor can be combined company-specific         S2           power loss [W] for rated value of the current at AC in hot operating state         52.0           • per pole         5.2.W           insulation voltage registance rated value         690 V           surge voltage resistance rated value         690 V           surge voltage resistance rated value         690 V           • between auxiliary and auxiliary circuit         415 V           • between main and auxiliary circuit         415 V           • between main and auxiliary circuit         690 V           • between main and auxiliary circuit         415 V           • between main and auxiliary circuit         690 V           • between main and auxiliary circuit         10.115/2014 <td< th=""><th>product brand name</th><th>SIRIUS</th></td<>	product brand name	SIRIUS
Control         Size of overload relay         Size           size of overload relay         Size of overload relay           size of overload relay         Size of overload relay           size of protection according to IEC 80086-227         Size /1 ms           type of protection according to IEC 813442E         Ex II (2)	product designation	thermal overload relay
size of overload relay     S2       size of contactor can be combined company-specific     S2       power loss (M) for rated value of the current at AC in hot     15.6 W       operating state     5.2 W       insulation voltage with degree of pollution 3 at AC rated value     690 V       surge voltage resistance rated value     64 V       maximum permissible voltage for protective separation in networks with grounded star point     415 V       • between auxilary and auxiliary circuit     415 V       • between main and auxiliary circuit     690 V       • between main and auxiliary circuit     600 V       • during trapeort	product type designation	3RU2
size of contactor can be combined company-specific     S2       power loss [W] for rated value of the current at AC in hot operating state     15.6 W       • per pole     5.2 W       Insulation voltage with degree of pollution 3 at AC rated value     690 V       surge voltage resistance rated value     61 V       maximum permissible voltage for protective separation in networks with grounded star point     415 V       • between auxillary and auxillary circuit     415 V       • between main and auxillary circuit     690 V       • between main and auxillary circuit     690 V       • between main and auxillary circuit     415 V       • between main and auxillary circuit     690 V       • between main and auxillary circuit     70 C       • during transport     70 D       • during storage     -55	General technical data	
power loss [W] for rated value of the current at AC in hot       15.6 W         operating state       5.2 W         insulation voltage with degree of pollution 3 at AC rated value       690 V         surge voltage resistance rated value       68 V         maximum permissible voltage for protective separation in networks with grounded star point       415 V         • between auxiliary and auxiliary circuit       415 V         • between auxiliary and auxiliary circuit       690 V         • between main and auxiliary circuit       690 V         • buting to a TEX directive 2014/34/EU       EX III (2) GD         certificate of suitability according to ATEX directive 2014/34/EU       DMT 96 ATEX G 001         reference code according to IEC	size of overload relay	S2
operating state       5.2 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       6 kV         • between auxiliary and auxiliary circuit       415 V         • between main and auxiliary circuit       690 V         • between to a coording to ATEX directive 2014/34/EU       EX III (2) GD         certificate of suitability 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         anbient conditions       10/15/2014         installation altitude at height above sea level maximum       2 000 m         aduing storage       -55 +80 °C         • during transport       -55 +80 °C         • during transport       -55 +80 °C         • during	size of contactor can be combined company-specific	S2
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     415 V       • between auxiliary and auxiliary circuit     415 V       • between main and auxiliary circuit     690 V       • between auxiliary circuit     690 V       • between main and auxiliary circuit     690 V       • between auxiliary circuit     690 V       • between auxiliary circuit     690 V       • between auxiliary circuit     690 V       • state 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)     101/15/2014       Ambient conditions     101/15/2014       installation altitude at height above sea level maximum     2 000 m       • during operation     -40 +70 °C       • during tran		15.6 W
surge voltage resistance rated value         6 kV           maximum permissible voltage for protective separation in networks with grounded star point         415 V           • between auxiliary and auxiliary circuit         415 V           • between main and auxiliary circuit         415 V           • between main and auxiliary circuit         690 V           • between main and auxiliary circuit         690 V           • between main and auxiliary circuit         690 V           shock resistance according to IEC 60068-2-27         8g / 11 ms           type of protection according to ATEX directive 2014/34/EU         EX II (2) GD           certificate of suitability according to ATEX directive 2014/34/EU         EX II (2) GD           certificate of suitability according to ATEX directive 2014/34/EU         DN 198 ATEX G 001           reference code according to IEC 81346-2         F           Substance Prohibitance (Date)         10/15/2014           Ambient conditions         10/15/2014           installation altitude at height above sea level maximum         2 000 m           adbitude strage         -55 +80 °C           • during strage         -55 +80 °C           • during strage         -55 +80 °C           • during strage         -95 %           Maln circuit         3           adjusta	• per pole	5.2 W
maximum permissible voltage for protective separation in networks with grounded star point       415 V         • between auxiliary and auxiliary circuit       415 V         • between main and auxiliary circuit       415 V         • between main and auxiliary circuit       690 V         • certificate of suitability according to ATEX directive 2014/34/EU       DMT 98 ATEX G 001         reference code according to IEC 81345-2       F         Substance Prohibitance (Date)       10/15/2014         Ambient conditions       10/15/2014         installation altitude at height above sea level maximum       2 000 m     <	insulation voltage with degree of pollution 3 at AC rated value	690 V
networks with grounded star point       415 V         • between auxiliary and auxiliary circuit       415 V         • between main and auxiliary circuit       690 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)       10/15/2014         Ambient temperature       -         • during operation       -40 +70 °C         • during transport       -55 +80 °C         • during transport       -55 +80 °C         • during ing apparted in - 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 overoload release       690 V       <	surge voltage resistance rated value	6 kV
• between auxiliary circuit       415 V         • between main and auxiliary circuit       690 V         • between main and auxiliary circuit       690 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)       10/15/2014         Ambient conditions       installation altitude at height above sea level maximum         anbient temperature       -         • during operation       -40 +70 °C         • during transport       -55 +80 °C         • during transport       -55 +80 °C         temperature compensation       -40 +70 °C         • during transport       -55 +80 °C         temperature tempensation       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 maximum       690 V         • at AC-3e rated value       65 A		
<ul> <li>between main and auxiliary circuit</li> <li>between main and auxiliary circuit</li> <li>between main and auxiliary circuit</li> <li>690 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) CD</li> <li>certificate of suitability according to ATEX directive 2014/34/EU</li> <li>Ex II (2) CD</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 81346-2</li> <li>F</li> <li>Substance Prohibitance (Date)</li> <li>10/15/2014</li> <li>Ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>2 000 m</li> <li>ambient temperature         <ul> <li>during operation</li> <li>-40 +70 °C</li> <li>during storage</li> <li>-55 +80 °C</li> <li>during transport</li> <li>-55 +80 °C</li> </ul> </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>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>at AC-3e rated value</li> <li>690 V</li> </ul> <li>at AC-3e rated value</li> <li>operational current at AC-3e at 400 V rated value</li> <li>65 A</li> <li>operational current at AC-3e at 400 V rated value</li> <li>65 A</li>	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	415 V
• between main and auxiliary circuit         690 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)         10/15/2014           Ambient conditions         2 000 m           ambient temperature         -40 +70 °C           • during operation         -40 +70 °C           • during tarsport         -55 +80 °C           • during trapport         -55 +80 °C           temperature compensation         -40 +60 °C           relative humidity during operation         10 95 %           Main circuit         3           adjustable current response value current of the current-dependent overload release         54 65 A           operating voltage         690 V           • at AC-3e rated value maximum         690 V           • at AC-3e rated value         65 A           operating requency rated value         65 A           operating al current rated value         65 A	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	415 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)       10/15/2014         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         amblent temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during operation       -40 +70 °C         • during operation       -40 +70 °C         • during operation       -40 +70 °C         • during operation       -95 +80 °C         • during operation       -55 +80 °C         • during operation       10 95 %         Main circuit       3         adjustable current response value current of the current-       54 65 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operational current rated value       65 A         operational current at AC-3e at 400 V rated val	<ul> <li>between main and auxiliary circuit</li> </ul>	690 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)       10/15/2014         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         • during operation       -40 +70 °C         • during operation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-       54 65 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 at AC-3e at 400 V rated value       65 A	<ul> <li>between main and auxiliary circuit</li> </ul>	690 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)       10/15/2014         Ambient conditions       2 000 m         ambient temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -56 +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       65 A         operational current rated value       65 A	shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code according to IEC 81346-2       F         Substance Prohibitance (Date)       10/15/2014         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         • during transport       -55 +80 °C         temperature compensation       -40 +60 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-dependent overload release       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       600 V         • operating frequency rated value       50 60 Hz         operational current rated value       65 A	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date)       10/15/2014         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         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       -       600 V         • at AC-3e rated value       50 60 Hz       65 A         operational current rated value       65 A       -       65 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         adjustable current response value current of the current-       54 65 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value       690 V         • operating frequency rated value       60 A         operational	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 +70 °C         relative humidity during operation       -40 +60 °C         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       54 65 A         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value       50 60 Hz         operating frequency rated value       50 60 Hz         operational current rated value       65 A	Substance Prohibitance (Date)	10/15/2014
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       54 65 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       65 A	Ambient conditions	
• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °Ctemperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release54 65 Aoperating voltage690 V• at AC-3e rated value690 V• at AC-3e rated value50 60 Hzoperating frequency rated value65 Aoperational current at AC-3e at 400 V rated value65 A	installation altitude at height above sea level maximum	2 000 m
• during storage-55 +80 °C• during transport-55 +80 °Ctemperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release54 65 Aoperating voltage690 V• at AC-3e rated value690 V• at AC-3e rated value50 60 Hzoperating frequency rated value65 Aoperational current rated value65 Aoperational current at AC-3e at 400 V rated value65 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       54 65 A         operating voltage       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       65 A         operational current at AC-3e at 400 V rated value       65 A	<ul> <li>during operation</li> </ul>	-40 +70 °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 release54 65 Aoperating voltage690 V• rated value690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperational current rated value65 Aoperational current at AC-3e at 400 V rated value65 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       54 65 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       65 A         operational current at AC-3e at 400 V rated value       65 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       54 65 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       65 A         operational current at AC-3e at 400 V rated value       65 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       54 65 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>65 A</li> </ul>	relative humidity during operation	10 95 %
adjustable current response value current of the current- dependent overload release54 65 Aoperating voltage690 V• rated value690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperational current rated value65 Aoperational current at AC-3e at 400 V rated value65 A	Main circuit	
dependent overload release         operating voltage         • rated value         • rated value         • at AC-3e rated value maximum         690 V         • at AC-3e rated value maximum         690 V         • operating frequency rated value         50 60 Hz         operational current rated value         65 A         operational current at AC-3e at 400 V rated value         65 A	number of poles for main current circuit	3
• rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       690 V         operational current rated value       50 60 Hz         operational current rated value       65 A         operational current at AC-3e at 400 V rated value       65 A		54 65 A
• at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       65 A         operational current at AC-3e at 400 V rated value       65 A	operating voltage	
operating frequency rated value50 60 Hzoperational current rated value65 Aoperational current at AC-3e at 400 V rated value65 A	rated value	690 V
operational current rated value     65 A       operational current at AC-3e at 400 V rated value     65 A	<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current at AC-3e at 400 V rated value 65 A	operating frequency rated value	50 60 Hz
	operational current rated value	65 A
operating power	operational current at AC-3e at 400 V rated value	65 A
	operating power	

• at AC-3	30 kW
— at 400 V rated value — at 500 V rated value	30 KW 45 kW
— at 690 V rated value	55 kW
• at AC-3e	
— at 400 V rated value	30 kW
— at 500 V rated value	45 kW
— at 690 V rated value	55 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
design of the miniature circuit breaker for short-circuit protection	6A (SCC less than equal to 0.5 kA; U less than equal to 260V)
of the auxiliary switch required	DC00 / D200
contact rating of auxiliary contacts according to UL	B600 / R300
contact rating of auxiliary contacts according to UL Protective and monitoring functions	
contact rating of auxiliary contacts according to UL Protective and monitoring functions trip class	CLASS 10
contact rating of auxiliary contacts according to UL Protective and monitoring functions trip class design of the overload release	
contact rating of auxiliary contacts according to UL Protective and monitoring functions trip class design of the overload release UL/CSA ratings	CLASS 10
contact rating of auxiliary contacts according to UL Protective and monitoring functions trip class design of the overload release UL/CSA ratings full-load current (FLA) for 3-phase AC motor	CLASS 10 thermal
contact rating of auxiliary contacts according to UL 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	CLASS 10 thermal 65 A
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal 65 A
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal 65 A 65 A
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal 65 A
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal 65 A 65 A 65 A fuse gG: 6 A, quick: 10 A
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal 65 A 65 A fuse gG: 6 A, quick: 10 A any
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal 65 A 65 A 65 A fuse gG: 6 A, quick: 10 A any stand-alone installation
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal 65 A 65 A 65 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal 65 A 65 A 65 A 7 Level gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal 65 A 65 A 65 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm
contact rating of auxiliary contacts according to UL         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	CLASS 10 thermal 65 A 65 A 65 A 65 A 10 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm
contact rating of auxiliary contacts according to UL         Protective and monitoring functions         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	CLASS 10 thermal 65 A 65 A 65 A 7 Level gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm
contact rating of auxiliary contacts according to UL         Protective and monitoring functions         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> 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       type of electrical connection	CLASS 10 thermal 65 A 65 A 65 A 7 Leve gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm
contact rating of auxiliary contacts according to UL         Protective and monitoring functions         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> 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       • for main current circuit	CLASS 10 thermal 65 A 65 A 65 A 7 fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm No No
contact rating of auxiliary contacts according to UL         Protective and monitoring functions         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> 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       e for main current circuit         e for auxiliary and control circuit       for auxiliary and control circuit	CLASS 10 thermal 65 A 65 A 65 A 7 Leve gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm
contact rating of auxiliary contacts according to UL         Protective and monitoring functions         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> 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       • for main current circuit	CLASS 10 thermal 65 A 65 A 65 A 7 fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm No No
contact rating of auxiliary contacts according to UL         Protective and monitoring functions         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> 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       e for main current circuit         e for auxiliary and control circuit       arrangement of electrical connectors for main current	CLASS 10 thermal 65 A 65 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm No No
contact rating of auxiliary contacts according to UL         Protective and monitoring functions         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> 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       e for main current circuit         e for auxiliary and control circuit       arrangement of electrical connectors for main current circuit	CLASS 10 thermal 65 A 65 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm No No
contact rating of auxiliary contacts according to UL         Protective and monitoring functions         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>short-circuit protection</li> </ul> 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         e for auxiliary and control circuit         arrangement of electrical connectors for main current circuit         type of connectable conductor cross-sections	CLASS 10 thermal 65 A 65 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm No No screw-type terminals spring-loaded terminals
contact rating of auxiliary contacts according to UL         Protective and monitoring functions         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>of or auxiliary and control circuit</li> </ul> </li>	CLASS 10 thermal 65 A 65 A 65 A 65 A 7 fuse gG: 6 A, quick: 10 A 7 any stand-alone installation 105 mm 55 mm 117 mm 117 mm No No Screw-type terminals spring-loaded terminals Top and bottom

2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 14) 3 4.5 N·m Diameter 5 6 mm Pozidriv PZ 2 M6 20 a IP20		
2x (0.5 1.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 14) 3 4.5 N·m Diameter 5 6 mm Pozidriv PZ 2 M6		
2x (0.5 1.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 14) 3 4.5 N·m Diameter 5 6 mm Pozidriv PZ 2 M6		
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Pozidriv PZ 2 M6 20 a		
M6 20 a		
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20 a		
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finger-safe, for vertical contac	t from the front	
Slide switch		
	For use in hazardous	locations
	Marina / Chinning	
cates	Marine / Shipping	
t Certific- <u>Type Test Certific-</u> ates/Test Report	ABS	BUREAU VERITAS
		other
RINA	RMRS	<u>Confirmation</u>
	cates	For use in hazardous

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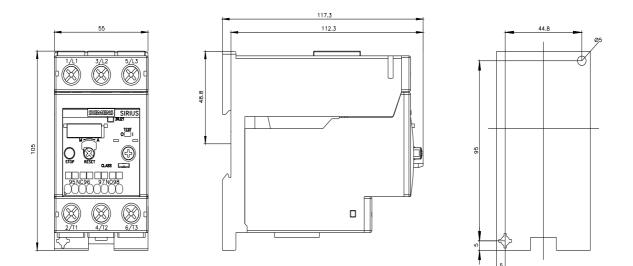
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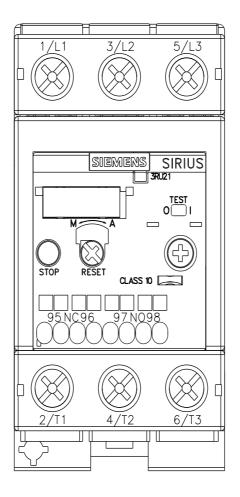
 Characteristic: Tripping characteristics, I²t, Let-through current

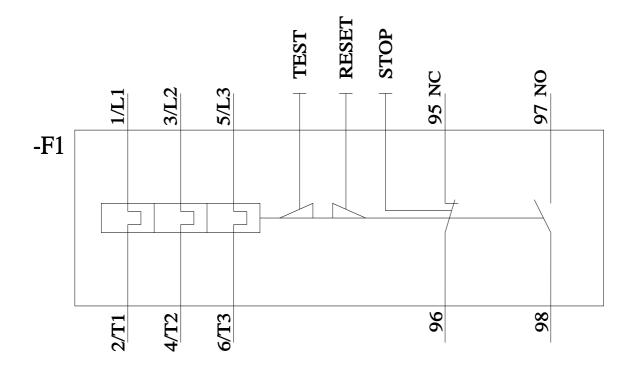
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 Further characteristics (e.g. electrical endurance, switching frequency)

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