## SIEMENS

## Data sheet

## 3RU2136-4JD0



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

product designation         thermal overload relay           product type designation         3RU2           General technical data         S2           size of contactor can be combined company-specific         S2           operating state         52.W           operating state         52.W           operating state         690 V           surge voltage resistance rated value         68V           maximum permissible voltage for protective separation in metworks with grounded star point         415 V           • between auxiliary and auxiliary circuit         415 V           • between main and auxiliary circuit         690 V           • between prohibitance (Date)         DMT 98 ATEX G 001           reference code according to EC 60068-2-27         80/ 11 ms           type of protection according to EC 80146-2         F           Substance Prohibit	muchuse burnel name				
product type designation         3RU2           General technical data	product brand name				
Genoral tochnical data     Size       size of overload relay     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     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     64V       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 and to IEC 60368-227     8g /11 ms <b>type of protection secording to ATEX directive 2014/34/EU</b> Exil (2) GD       Certificate of suitability according to ATEX directive 2014/34/EU     Exil (2) GD       Ambient conditions     10/15/2014       Ambient conditions     2000 m       ambient temperature     40 470 °C       • during storage     -55 480 °C       • during storage     -55 480 °C       • duri					
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 operating side     15.6 W       • per pole     5.2 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     415 V       • between auxiliary and auxiliary circuit     415 V       • between main and auxiliary circuit     690 V       • between dia auxiliary circuit     690 V       • between dia auxiliary circuit     690 V       • between dia auxiliary circuit     52.1 (2) GD       • curring to auxiliary directive 2014/34/EU     Ex II (2) GD       • curring to auxiliary directive 2014/34/EU     Ex II (2) GD       • during torage     55 480 °C       •		3RU2			
size of contactor can be combined company-specific     S2       power loss [M] 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     64V       maximum perniesible 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 main and auxiliary circuit     600 V       • statestance according to AEX directive 2014/34/EU     DXII 198 ATEX 6 001       reference code according to IEC 3146-2					
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         64V           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 main and auxiliary circuit         70 ////////////////////////////////////	· · · · · · · · · · · · · · · · · · ·				
operating state         5.2 W           insulation voltage with degree of pollution 3 at AC rated value         680 V           surge voltage resistance rated value         680 V           maximum permissible voltage for protective separation in retworks with grounded star point         6 kV           • between auxiliary and auxiliary circuit         415 V           • between auxiliary and auxiliary circuit         415 V           • between main and auxiliary circuit         600 V           shock resistance according to IEC 60068-2-27         8g / 11 ms           type of protection according to IEC 60068-2-27         8g / 11 ms           type 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 IEC 8136-2         F           Substance Prohibitance (Date)         10/15/2014           Ambient conditions         2 000 m           ambient conditions         2 000 m           auxiliary starage         -55		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 auxillary and auxillary circuit     415 V       • between main and auxillary circuit     690 V       • between auxillary circuit     690 V       • between main and auxillary circuit     690 V       • between auxillary circuit     50 L       • during to Follshitance (Date)     10/15/2014       Ambient conditions     10/15/2014       • during operation     40 +70 °C       • during transport     -45 +80 °C       • during transport     -40 +60 °C       • during transport     -40 +60 °C       • during transport		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         600 V           • between auxiliary circuit         Ex II (2) GD           certificate of suitability according to ATEX directive 2014/34/EU         DMT 98 ATEX G 001           reference code according to IEC 80368-2         F           Substance Prohibitance (Date)         10/15/2014           Ambient conditions         -40 +70 °C </th <th>• per pole</th> <th>5.2 W</th>	• per pole	5.2 W			
maximum permissible voltage for protective separation in         networks with grounded star point <ul> <li>between auxiliary and auxiliary circuit</li> <li>between main and auxiliary circuit</li> <li>between second protection according to ATEX directive 2014/34/EU</li> <li>EX II (2) GD</li> </ul> <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>Tefference code according to IEC 80345-2</li> <li>F</li> <li>Substance Prohibitance (Date)</li> <li>10/15/2014</li> <li>Amblent conditions</li> <li>ambient temporature</li> <li>during torage</li> <liduring li="" torage<=""> <liduring li="" torage<=""></liduring></liduring>	insulation voltage with degree of pollution 3 at AC rated value	690 V			
networks with grounded star point         Image: star in the star in t	surge voltage resistance rated value	6 kV			
• between auxiliary oircuit     415 V       • between main and auxiliary oircuit     690 V       • between main and auxiliary oircuit     690 V       shock resistance according to IEC 6008-2-27     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)     101/2/014       Ambient conditions     1       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -40 +70 °C       • during storage     -55 +80 °C       • during storage     -55 +80 °C       • temperature compensation     -40 +70 °C       • during transport     -55 +80 °C       • temperature compensation     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 maximum     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     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     -       • during operation     -40 +70 °C       • during storage     -55 +80 °C       • during transport     -55 +80 °C       • during transport     -55 +80 °C       • during operation     -40 +60 °C       relative humidity during operation     10 95 %       Main circuit     3       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 maximum     690 V       • at AC-3e rated value     50 60 Hz       operating frequency rated value     50 60 Hz       operational current rated value     65 A	<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 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-	<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       Amblent 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       • during transport     -55 +80 °C       • during operation     -40 +60 °C       relative humidity during operation     10 95 %       Main circuit     3       adjustable current response value current of the current-dependent overload release     54 65 A       operating rollage     690 V       • at AC-3e rated value     690 V       • at AC-3e rated value     690 V       • at AC-3e at 400 V rated value     65 A       operational current rated value     65 A	<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         ambient temperature       -40 +70 °C         • during operation       -45 +80 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         temperature compensation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-dependent overload release       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       50 60 Hz         operating frequency rated value       50 60 Hz         operational current 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         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       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       50 60 Hz         operating frequency rated value       55 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 operation       -40 +70 °C         • during storage       -55 +80 °C         • during transport       -55 +80 °C         • during transport       -40 +60 °C         relative humidity during operation       10 95 %         Mala 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       690 V         • at AC-3e rated value       50 60 Hz         operational current rated value       50 60 Hz         operational current at AC-3e at 400 V rated value       65 A	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD			
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       -55 +80 °C         • during transport       -55 +80 °C         relative humidity 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-dependent overload release       54 65 A         operating voltage       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       50 60 Hz         operational current rated value       65 A         operational current at AC-3e at 400 V rated value       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       -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	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       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	Substance Prohibitance (Date)	10/15/2014			
ambient temperature• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °C• during transport-55 +80 °Ctemperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release54 65 Aoperating voltage690 V• at AC-3e rated value690 Voperating frequency rated value50 60 Hzoperational current rated value65 Aoperational current at AC-3e at 400 V rated value65 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 circuit54 65 A• operating voltage-• rated value690 V• at AC-3e rated value maximum690 V• operating frequency rated value50 60 Hz• operational 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 °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• 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	ambient temperature				
	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       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 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 <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>	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 <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>	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> operational current at AC-3e at 400 V rated value         65 A           operational current at AC-3e at 400 V rated value         65 A           operational current at AC-3e at 400 V rated value         65 A	relative humidity during operation	10 95 %			
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         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	Main circuit				
dependent overload release       Image: Comparing voltage         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       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	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					
of the auxiliary switch required	B600 / B300				
contact rating of auxiliary contacts according to UL	B600 / R300				
contact rating of auxiliary contacts according to UL Protective and monitoring functions	B600 / R300 CLASS 10				
contact rating of auxiliary contacts according to UL Protective and monitoring functions trip class					
contact rating of auxiliary contacts according to UL Protective and monitoring functions	CLASS 10				
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	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         • at 480 V rated value         • at 600 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         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 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 Contactor mounting				
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 Contactor mounting 90 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 fuse gG: 6 A, quick: 10 A any Contactor mounting 90 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 Contactor mounting 90 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 fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 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 <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 fuse gG: 6 A, quick: 10 A any Contactor mounting 90 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         Connections/ Terminals         product component removable terminal for auxiliary and	CLASS 10 thermal 65 A 65 A 65 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 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 <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 fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 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         product component removable terminal for auxiliary and control circuit         type of electrical connection         • for main current circuit         • for auxiliary and control circuit	CLASS 10 thermal 65 A 65 A 65 A 7 fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 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         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 use gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm 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         product component removable terminal for auxiliary and control circuit         type of electrical connection         • for main current circuit         • for auxiliary and control circuit	CLASS 10 thermal 65 A 65 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 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> </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>if or auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> </ul> </li>	CLASS 10 thermal 65 A 65 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm 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 <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> <li>for short-circuit protection</li> </ul> design of the fuse link       of or short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions       mounting position         fastening method       height         width       depth         Connections/ Terminals       product component removable terminal for auxiliary and control circuit         type of electrical connection       of or 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 Contactor mounting 90 mm 55 mm 105 mm 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 <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>sta 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 auxiliary and control circuit         arrangement of electrical connectors for main current circuit       type of connectable conductor cross-sections         of or main contacts       e for main contacts	CLASS 10 thermal 65 A 65 A 65 A 7 use gG: 6 A, quick: 10 A 7 any Contactor mounting 90 mm 55 mm 105 mm 105 mm No No				

tightening torque <ul> <li>for main contacts with scre</li> </ul> design of screwdriver shaft	ore end processi ut core end proce	-	`	1.5 mm²)					
<ul> <li>— solid or stranded</li> <li>— finely stranded with c</li> <li>— finely stranded without</li> <li>for AWG cables for auxiliant</li> <li>tightening torque</li> <li>for main contacts with screet</li> <li>design of screwdriver shaft</li> <li>size of the screwdriver tip</li> </ul>	ut core end proce	-	2x (0.5	1.5 mm²)					
<ul> <li>finely stranded with c</li> <li>finely stranded with output</li> <li>for AWG cables for auxiliar</li> <li>tightening torque</li> <li>for main contacts with screed</li> <li>design of screwdriver shaft</li> <li>size of the screwdriver tip</li> </ul>	ut core end proce	-	2x (0.5	1.5 mm²)					
<ul> <li>finely stranded without</li> <li>for AWG cables for auxiliar</li> <li>tightening torque</li> <li>for main contacts with screedesign of screwdriver shaft</li> <li>size of the screwdriver tip</li> </ul>	ut core end proce	-	`	'					
<ul> <li>for AWG cables for auxiliar</li> <li>ightening torque         <ul> <li>for main contacts with scredesign of screwdriver shaft</li> <li>size of the screwdriver tip</li> </ul> </li> </ul>		ssing	2x (0.5 2	) <b>F</b> (100 (2))		2x (0.5 1.5 mm²)			
ightening torque • for main contacts with scre lesign of screwdriver shaft ize of the screwdriver tip	y contacts			2x (0.5 2.5 mm²)					
• for main contacts with scre lesign of screwdriver shaft ize of the screwdriver tip		<ul> <li>for AWG cables for auxiliary contacts</li> </ul>			2x (20 14)				
lesign of screwdriver shaft ize of the screwdriver tip									
ize of the screwdriver tip	<ul> <li>for main contacts with screw-type terminals</li> </ul>			3 4.5 N·m					
•	design of screwdriver shaft			Diameter 5 6 mm					
lesign of the thread of the con	size of the screwdriver tip			Pozidriv PZ 2					
U U	nection screw								
for main contacts			M6						
fety related data									
T1 value for proof test interval or service life according to IEC 61508			20 a						
protection class IP on the front according to IEC 60529			IP20						
touch protection on the front according to IEC 60529			finger-safe, for vertical contact from the front						
play									
isplay version for switching statu	IS		Slide switc	h					
rtificates/ approvals									
General Product Approval					For use in hazardous	locations			
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Declaration of Conformity		Test Certificat	es		Marine / Shipping				
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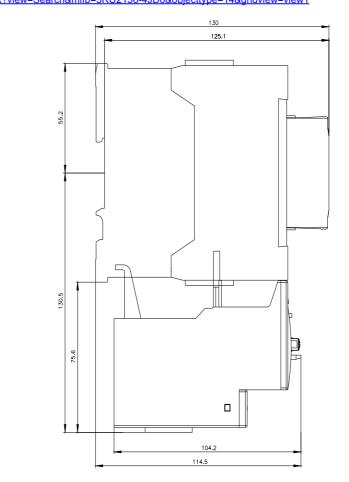
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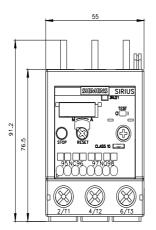
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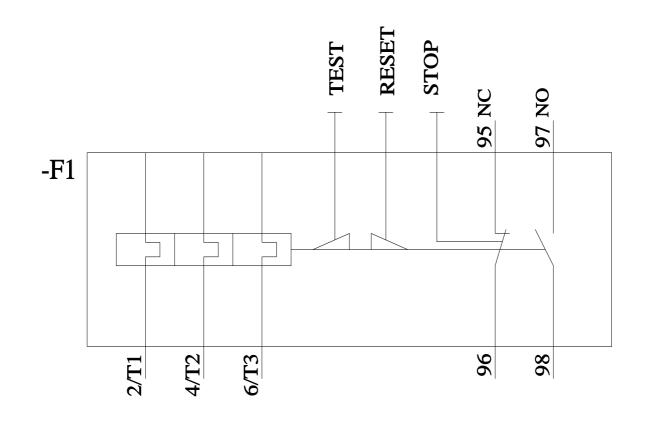
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 Further characteristics (e.g. electrical endurance, switching frequency)

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