## SIEMENS

## Data sheet

## 3RU2136-4QD0



Overload relay 47...57 A Thermal For motor protection Size S2, Class 10 Contactor mounting Main circuit: Screw Auxiliary circuit: spring-type terminal Manual-Automatic-Reset

product brand name         SIRUs           product degination         thermal overload relay           product degination         3RU2           General technical data         size of overload relay           size of overload relay         S2           size of overload relay         S2           size of overload relay         S2           operating state         S2           issuation voltage with degree of pollution 3 at AC rated value         68/V           maximum permissible voltage for protective separation in networks with grounded starp opint         415 V           obtive main and auxiliary circuit         415 V           obtive main and auxiliary circuit         680 V           obtive or main and auxiliary circuit         680 V           obtive or main and auxiliary circuit         Exit 10 O           certificat of suitability according to IEC 81346-2	and the formula serve	
product type designation         3RU2           General technical data	product brand name	SIRIUS
General technical data         Size           size of overload relay         \$2           size of contactor can be combined company-specific         \$2           size of contactor can be combined company-specific         \$2           power loss (V) for rated value of the current at AC in hot operating state         \$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 conding to IEC 60088-227         8g /11 ms           type of protection according to ATEX directive 2014/34/EU         EXII (2) GD           refificate of suitability according to IEC 81346-2         F           fultigity during operation         40		
size of contactor can be combined company-specific     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     680 V       surge voltage resistance rated value     64V       maximum permissible voltage for protective separation in networks with grouned 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       • substance Prohibitance (Date)     Divit 90 ATEX directive 2014/3/EU       During torage     6       • during operation     40 + 70 °C       • during operation     40 + 70 °C       • dur		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         680 V           surge voltage resistance rated value         68 V           maximum permissible voltage for protective separation in networks with grounded star point         64 V           • between auxiliary and auxiliary circuit         415 V           • between main and auxiliary circuit         690 V           • between de according to IEC 60068-227         8g /11 ms           reference code according to IEC 81346-2         F           Substance Prohibitance (Date)         10/15/2014           Ambient tomperature         2 000 m           • during operation         -40 +70 °C           • during torage         -55 +80 °C           • during torage         -55 +80 °C           • during torage         -55 +80 °C           • during operation         10 95 %           Main citrcuit         3		
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         660 V           • between main and auxiliary circuit         660 V           • between main and auxiliary circuit         660 V           • between main and auxiliary circuit         690 V           • between main and auxiliary circuit         700 C           • between main and auxiliary circuit         90 V           • between main and auxiliary circuit         10.15/2014           • during to TEX directive 2014/34/EU         DMT 98 ATEX G 001           • feference code according to TEX directive 2014/34/EU         PA </th <th></th> <th></th>		
operating state         5.2 W           insulation voltage with degree of pollution 3 at AC rated value         680 V           surge voltage resistance rated value         64 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           • between main and auxiliary circuit         690 V           • between main and auxiliary circuit         690 V           • between auxiliary and curcuit         690 V           • between auxiliary circuit         51////////////////////////////////////	· · · ·	
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 according to ATEX directive 2014/34/EU         DXIT 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 storage </th <th></th> <th></th>		
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 auxiliary and auxiliary circuit         690 V           • between main and auxiliary circuit         690 V           • between auxiliary accuting to IEC 60068-2-27         8g / 11 ms           type of protection according to ATEX directive 2014/34/EU         DXT 98 ATEX G 001           reference code according to IEC 81346-2         F           Substance (Date)         10/15/2014           Ambient conditions         2 000 m           ambient temperature         -           • during torage         -55 +80 °C           • during torage	• per pole	5.2 W
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• 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         -00 95 %           Main circuit         3           relative humidity during operation         40 +60 °C           relative humidity during operation         3           adjustable current response value current of the current- dependent overload release         690 V           operating voltage         690 V           • at AC-3e rated value         690 V           • operating requency rated value         690 V<	<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           ambient temperature         -           • during operation         -40 +70 °C           • during storage         -55 +80 °C           • during transport         -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           operating voltage         690 V           • at AC-3e rated value         690 V           • at AC-3e rated value         50 60 Hz           operating frequency rated value         50 60 Hz           operational current rated value         57 A	<ul> <li>between main and auxiliary circuit</li> </ul>	690 V
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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           adjustable current response value current of the current-dependent overload release         690 V           operating voltage         690 V           • at AC-3e rated value maximum         690 V           operating frequency rated value         50 60 Hz           operating frequency rated value         57 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         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-       47 57 A         operating voltage       690 V         • at AC-3e rated value       690 V         • at AC-3e rated value       50 60 Hz         operating frequency rated value       50 60 Hz         operational current rated value       57 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       690 V         operating voltage       690 V         • rated value       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       57 60 Hz         operating frequency rated value       57 A	reference code according to IEC 81346-2	F
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• during storage-55 +80 °C• during transport-55 +80 °C• temperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release47 57 Aoperating voltage • rated value690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperating rated value57 A	ambient temperature	
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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 release47 57 Aoperating voltage690 V• rated value690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperational current rated value57 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       47 57 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       57 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       47 57 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       57 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       47 57 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>690 V</li> <li>690 V</li> <li>50 60 Hz</li> <li>57 A</li> </ul>	relative humidity during operation	10 95 %
adjustable current response value current of the current-       47 57 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       57 A	Main circuit	
dependent overload release       Image: Competition of the sector of the s	number of poles for main current circuit	3
• rated value     690 V       • at AC-3e rated value maximum     690 V       operating frequency rated value     50 60 Hz       operational current rated value     57 A		47 57 A
at AC-3e rated value maximum     690 V     operating frequency rated value     50 60 Hz     57 A	operating voltage	
operating frequency rated value     50 60 Hz       operational current rated value     57 A	rated value	690 V
operational current rated value 57 A	<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
· · · · · · · · · · · · · · · · · · ·	operating frequency rated value	50 60 Hz
operational current at AC-3e at 400 V rated value 57 A	operational current rated value	57 A
	operational current at AC-3e at 400 V rated value	57 A
operating power	operating power	

• at AC-3	30 kW		
— at 400 V rated value — at 500 V rated value			
	37 kW		
— at 690 V rated value	55 kW		
• at AC-3e	20.144		
— at 400 V rated value	30 kW		
— at 500 V rated value	37 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	B600 / B300		
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 57 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 57 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 57 A 57 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 57 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 57 A 57 A 57 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 57 A 57 A 57 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 57 A 57 A 57 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 57 A 57 A 57 A 57 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 57 A 57 A 57 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 57 A 57 A 57 A 57 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 57 A 57 A 57 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 57 A 57 A 57 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 control circuit         type of electrical connection	CLASS 10 thermal 57 A 57 A 57 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 57 A 57 A 57 A 7 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         • 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         • for main current circuit         • for auxiliary and control circuit	CLASS 10 thermal 57 A 57 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         • 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 57 A 57 A 57 A 7 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> </ul> for short-circuit protection         design of the fuse link         of or short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         Connections/ Terminals         product component removable terminal for auxiliary and control circuit         of or auxiliary and control circuit         arrangement of electrical connectors for main current circuit         type of connectable conductor cross-sections	CLASS 10 thermal 57 A 57 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         • 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 57 A 57 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> <li>at 600 V rated value</li> </ul> for short-circuit protection         design of the fuse link         of or short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         Connections/ Terminals         product component removable terminal for auxiliary and control circuit         of or auxiliary and control circuit         arrangement of electrical connectors for main current circuit         type of connectable conductor cross-sections	CLASS 10 thermal 57 A 57 A fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 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> <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 auxiliary and control circuit         arrangement of electrical connectors for main current circuit       type of connectable conductor cross-sections         of or main contacts       for main contacts	CLASS 10 thermal 57 A 57 A 57 A 7 fuse gG: 6 A, quick: 10 A any Contactor mounting 90 mm 55 mm 105 mm No No screw-type terminals spring-loaded terminals Top and bottom		

type of connectable conductor cross-s	ections			
for auxiliary contacts				
— solid or stranded		2x (0.5 2.5 mm²)		
<ul> <li>finely stranded with core end processing</li> </ul>		2x (0.5 1.5 mm²)		
<ul> <li>finely stranded without core end processing</li> </ul>		2x (0.5 2.5 mm²)		
<ul> <li>for AWG cables for auxiliary contact</li> </ul>	ots	2x (20 14)		
ightening torque				
<ul> <li>for main contacts with screw-type terminals</li> </ul>		3 4.5 N·m		
lesign of screwdriver shaft		Diameter 5 6 mm		
size of the screwdriver tip		Pozidriv PZ 2		
design of the thread of the connection	screw			
for main contacts		M6		
fety related data				
Γ1 value for proof test interval or service l δ1508	ife according to IEC	20 a		
protection class IP on the front accord	ing to IEC 60529	IP20		
ouch protection on the front according	g to IEC 60529	finger-safe, for vertical contact	ct from the front	
splay				
isplay version for switching status		Slide switch		
rtificates/ approvals				
General Product Approval			For use in hazardous	locations
Confirmation	ŝ			IFCF.
$(\mathbf{u})$	(VL)	FHI	(Ex)	IECEX
	<u> </u>	LIIL		IECEx
Declaration of Conformity	Test Certificat		Marine / Shipping	
CE UK EG-Konf. CA	<u>Type Test Cer</u> ates/Test Re		ABS	B U RE AU VERITAS
Marine / Shipping				other
<u> </u>	SPA	ATA)	<b>H</b>	Confirmation
J A Lloyds	(33)			Comminiation
DNV				
DNV LRS	PRS	RINA	RMRS	
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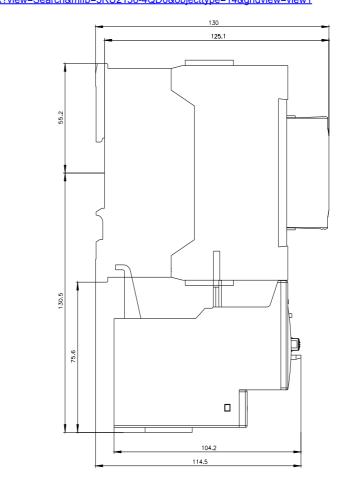
 http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RU2136-4QD0&lang=en

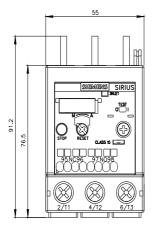
 Characteristic: Tripping characteristics, I²t, Let-through current

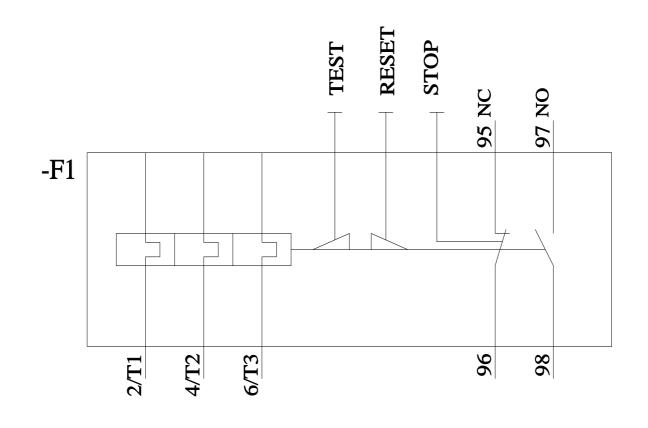
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 Further characteristics (e.g. electrical endurance, switching frequency)

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