SIEMENS

Data sheet 3RU2136-4KD1



Overload relay 62...73 A Thermal For motor protection Size S2, Class 10A Standalone installation Main circuit: Screw Auxiliary circuit: spring-type terminal Manual-Automatic-Reset

product designation 3RUZ General technical data size of overload relay S2 size of contactor can be combined company-specific S2 power loss IPV for rated value of the current at AC in hot operating state • per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value subteven auxiliary and auxiliary circuit so between auxiliary and auxiliary circuit so between main and auxiliary circuit so over surger of so over surger sur	product brand name	SIRIUS
Size of overload relay Size of contactor can be combined company-specific Power loss [W] for rated value of the current at AC in hot Operating state Per pole S.7 W Insulation voltage with degree of pollution 3 at AC rated value Surge voltage resistance rated value Size voltage resistance valualizary circuit Size between auxiliary and auxiliary circuit Size between main and auxiliary circuit Size between main and auxiliary circuit Size between main and auxiliary circuit Size of protection according to IEC 60068-2-27 Size for protection according to IEC 60068-2-27 Size for protection according to ATEX directive 2014/34/EU Size of protection according to IEC 81346-2 Substance Prohibitance (Date) Installation altitude at height above sea level maximum Sizellation altitude at height above sea level maximum Ourient conditions Sizellation altitude at height above sea level maximum Sizellation altitude at height above sea level maximum Sizellation altitude at height above sea level maximum Ourient temperature Ourient responses value current of the current Ourient sizellation altitude at height during operation Ourient sizellation altitude at Neight above sea level maximum Ourient sizellation altitude at Neight above sea level maximum Ourient sizellation altitude at Neight above sea level maximum Ourient sizellation altitude at Neight above sea level maximum Ourient sizellation altitude at Neight above sea level maximum Ourient sizellation altitude at Neight above sea level maximum Ourient sizellation altitude at Neight above sea level maximum Ourient sizellation alt	product designation	thermal overload relay
size of contactor can be combined company-specific S2 power loss [V] for rated value of the current at AC in hot operating state • per pole 5.7 W insulation voltage with degree of poliution 3 at AC rated value 680 V surge voltage resistance rated value 6kV 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 680 V • between for 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) 1015/2014 Ambient conditions installation altitude at height above sea level maximum 2 0000 m ambient temperature 4 during operation 40 uring storage 55 +80 °C 4 during transport 55 +80 °C 4 during transport 75 +50 °C 4 during transp	product type designation	3RU2
size of contactor can be combined company-specific power loss [M] for rated value of the current at AC in hot operating state per pole for Minimization voltage with degree of pollution 3 at AC rated value soruge voltage resistance rated value surge voltage resistance rated value so letween auxiliary and auxiliary circuit between auxiliary and auxiliary circuit between auxiliary and auxiliary circuit between main and auxiliary circuit between auxiliary and auxiliary circuit caption for protection according to IEC 60068-2-27 Bg/ 11 ms type of protection according to IEC 81346-2 F Substance Prohibitance (Date) installation altitude at height above sea level maximum 2000 m ambient temperature during operation during storage during transport during transport temperature compensation during transport temperature compensation 40 +60 °C relative humidity during operation 40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit dependent overload release operating voltage a rated value e rated value e rated value e rated value operational current at AC-3e at 400 V rated value 50 60 Hz operational curren	General technical data	
power loss [W] for rated value of the current at AC in hot operating state • per pole • per pole 5.7 W insulation voltage with degree of pollution 3 at AC rated value 890 V surge voltage resistance rated value 690 V surge voltage resistance rated value • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • both the resistance according to EIE 68068-227 • 897 / 1ms type of protection according to ATEX directive 2014/34/EU Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 Following Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during storage • during transport • during transport • during transport • during operation • 40 +70 °C • during transport • during operation • 40 +80 °C • temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V • at AC-3e rated value • at AC-3e rated value • operational current at AC-3e at 40 U v rated value 73 A operational current at AC-3e at 40 U v rated value 73 A	size of overload relay	S2
operating state • per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • By 711 ms Ex II (2) GD Certificate of suitability according to ATEX directive 2014/34/4/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 401/15/2014 Ambient conditions Installation altitude at height above sea level maximum • during operation • during operation • during storage • during transport • during during operation • 40 +60 °C relative humidity during operation • 40 +60 °C relative humidity during operation • 40 +60 °C relative humidity during operation • 20 +80 °C • during transport • 62 +73 A adjustable current response value current of the current-dependent overload release • rated value • r	size of contactor can be combined company-specific	S2
insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point between auxiliary and auxiliary circuit between main and auxiliary and auxiliary circuit between main and auxiliary and auxiliary and auxiliary circuit between main and auxiliary and auxiliary and auxiliary and auxiliary circuit between main and auxiliary and auxiliary and auxiliary and auxiliary and auxiliary and auxiliary auxiliary auxiliary		17.1 W
surge voltage resistance rated value maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between main and auxiliary circuit • shock resistance according to IEC 60068-2-27 8g / 11 ms type of protection according to ATEX directive 2014/34/EU Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/15/2014 Ambient conditions installation altitude at height above sea level maximum • during operation • during storage • during transport • during transport -55 +80 °C • during transport temperature compensation -40 +70 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value • at AC-3e rated value maximum operating frequency rated value operational current at AC-3e at 400 V rated value 73 A operational current at AC-3e at 400 V rated value 73 A	• per pole	5.7 W
maximum permissible voltage for protective separation in networks with grounded star point • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between main and auxiliary circuit • Boy V • between main and auxiliary circuit • Boy V • between main and auxiliary circuit • Boy V • between main and auxiliary circuit • Boy V • between main and auxiliary circuit • Boy V • By 11 ms • Exili (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) installation altitude at height above sea level maximum 2 000 m ambient temperature • during operation • during storage • during storage • during transport • during storage • during transport • during transport • during transport • 40 +60 °C relative humidity during operation • during transport • 10 95 % • Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value • at AC-3e rated value maximum operating frequency rated value operating frequency rated value operating requency rated value operating requency rated value operating current at AC-3e at 400 V rated value 73 A operational current at AC-3e at 400 V rated value 73 A	insulation voltage with degree of pollution 3 at AC rated value	690 V
networks with grounded star point • between auxiliary and auxillary circuit • between main and auxillary circuit • all (2) GD DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) DMT 98 ATEX G 001 F Substance Prohibitarce (Date) Prohibitarce (Pate A 10 C C C C C C C C C C C C C C C C C C	surge voltage resistance rated value	6 kV
between auxiliary and auxiliary circuit between main and auxiliary circuit but it is go I I I I I I I I I I I I I I I I I I		
between main and auxiliary circuit between main and auxiliary circuit between main and auxiliary circuit shock resistance according to IEC 60068-2-27 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU reference code according to IEC 81346-2 Substance Prohibitance (Date) Installation altitude at height above sea level maximum ambient conditions Installation altitude at height above sea level maximum adving operation during storage during storage during transport -55+80 °C temperature compensation -40+60 °C relative humidity during operation number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage at AC-3e rated value at AC-3e at 400 V rated value 73 A operational current at AC-3e at 400 V rated value 73 A operational current at AC-3e at 400 V rated value 73 A	 between auxiliary and auxiliary circuit 	415 V
between main and auxiliary circuit shock resistance according to IEC 60068-2-27 8g / 11 ms type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum of uring operation of uring storage of during storage of during transport etamperature compensation relative humidity during operation mumber of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage at AC-3e rated value operational current rated value operational current rated value operational current rated value operational current rated value 73 A operational current at AC-3e at 400 V rated value 73 A operational current at AC-3e at 400 V rated value 73 A	 between auxiliary and auxiliary circuit 	415 V
shock resistance according to IEC 60068-2-27 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport temperature compensation relative humidity during operation adjustable current response value current of the current-dependent overload release operating value at AC-3e rated value operational current at AC-3e at 400 V rated value 73 A operational Current at AC-3e at 400 V rated value 73 A operational Current at AC-3e at 400 V rated value overside ATEX G 001 EX II (2) GD EX I	 between main and auxiliary circuit 	690 V
type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/15/2014 Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during transport temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operational current rated value 73 A operational current rat AC-3e at 400 V rated value 73 A	 between main and auxiliary circuit 	690 V
certificate of suitability according to ATEX directive 2014/34/EU reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport temperature compensation relative humidity during operation Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release • arted value • at AC-3e rated value maximum operational current rated value 73 A operational current rated value 73 A	shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code according to IEC 81346-2 Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during transport temperature compensation -40 +70 °C • during transport -55 +80 °C • during transport -55 +80 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current at AC-3e at 400 V rated value 73 A operational current at AC-3e at 400 V rated value 73 A	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during storage • during transport -55 +80 °C temperature compensation relative humidity during operation 40 +70 °C -55 +80 °C temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current at AC-3e at 400 V rated value 73 A operational current at AC-3e at 400 V rated value 73 A	certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001
installation altitude at height above sea level maximum ambient temperature during operation during storage during transport temperature compensation relative humidity during operation adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value operational current at AC-3e at 400 V rated value 73 A operational current at AC-3e at 400 V rated value 73 A 2000 m 2	reference code according to IEC 81346-2	F
installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • 55 +80 °C • during transport • 55 +80 °C temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value operational current rated value 73 A operational current at AC-3e at 400 V rated value 73 A	Substance Prohibitance (Date)	10/15/2014
ambient temperature • during operation • during storage • during transport -55 +80 °C • during transport -55 +80 °C temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operational current rated value 50 60 Hz operational current rated value 73 A operational current at AC-3e at 400 V rated value 73 A	Ambient conditions	
 during operation during storage during transport 55 +80 °C temperature compensation relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3e rated value maximum operating frequency rated value operational current rated value 73 A operational current at AC-3e at 400 V rated value 73 A 	installation altitude at height above sea level maximum	2 000 m
• during storage • during transport • during transport • during transport • during transport • 55 +80 °C temperature compensation • 40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage • rated value • rated value • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current at AC-3e at 400 V rated value 73 A	ambient temperature	
during transport	during operation	-40 +70 °C
temperature compensation -40 +60 °C relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum 690 V operating frequency rated value operational current rated value 73 A operational current at AC-3e at 400 V rated value 73 A	during storage	-55 +80 °C
relative humidity during operation 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value 73 A operational current at AC-3e at 400 V rated value 73 A	 during transport 	-55 +80 °C
number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value 73 A operational current at AC-3e at 400 V rated value 73 A	temperature compensation	-40 +60 °C
number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 73 A	relative humidity during operation	10 95 %
adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 73 A	Main circuit	
dependent overload release operating voltage • rated value • at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 73 A	number of poles for main current circuit	3
 rated value at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 73 A operational current at AC-3e at 400 V rated value 73 A 		62 73 A
 at AC-3e rated value maximum operating frequency rated value operational current rated value operational current at AC-3e at 400 V rated value 73 A 	operating voltage	
operating frequency rated value 50 60 Hz operational current rated value 73 A operational current at AC-3e at 400 V rated value 73 A	• rated value	690 V
operational current rated value 73 A operational current at AC-3e at 400 V rated value 73 A	at AC-3e rated value maximum	690 V
operational current at AC-3e at 400 V rated value 73 A	operating frequency rated value	50 60 Hz
	operational current rated value	73 A
operating power	operational current at AC-3e at 400 V rated value	73 A
operating power	operating power	

• at AC-3	
— at 400 V rated value	37 kW
— at 500 V rated value	45 kW
— at 690 V rated value	55 kW
• at AC-3e	
— at 400 V rated value	37 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	1A
• at 400 V	0.75 A
operational current of auxiliary contacts at DC-13	0.1071
• at 24 V	2 A
• at 24 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 OF AUXILIARY SWILLI FORMED	
of the auxiliary switch required	B600 / R300
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 10A
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 10A
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 10A 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 10A 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	CLASS 10A 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 10A 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 design of the fuse link	CLASS 10A thermal 73 A 73 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 10A 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 design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions	CLASS 10A thermal 73 A 73 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 10A thermal 73 A 73 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 10A thermal 73 A 73 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 10A thermal 73 A 73 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 10A thermal 73 A 73 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 width depth	CLASS 10A thermal 73 A 73 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 10A thermal 73 A 73 A fuse 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 10A thermal 73 A 73 A fuse 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 Connections/ Terminals product component removable terminal for auxiliary and	CLASS 10A thermal 73 A 73 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 • 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	CLASS 10A thermal 73 A 73 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 • 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 10A thermal 73 A 73 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 • 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 10A thermal 73 A 73 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm 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 arrangement of electrical connectors for main current	CLASS 10A thermal 73 A 73 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm 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 • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit	CLASS 10A thermal 73 A 73 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm 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 • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections	CLASS 10A thermal 73 A 73 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm 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 • at 480 V rated value • at 600 V rated value Short-circuit protection design of the fuse link • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts	CLASS 10A thermal 73 A 73 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm No screw-type terminals spring-loaded terminals Top and bottom
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 arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections • for main contacts — solid or stranded	CLASS 10A thermal 73 A 73 A fuse gG: 6 A, quick: 10 A any stand-alone installation 105 mm 55 mm 117 mm No screw-type terminals spring-loaded terminals Top and bottom 2x (1 35 mm²), 1x (1 50 mm²)

type of connectable conductor cross-sections				
 for auxiliary contacts 				
— solid or stranded	2x (0.5 2.5 mm²)			
 finely stranded with core end processing 	2x (0.5 1.5 mm²)			
 finely stranded without core end processing 	2x (0.5 2.5 mm²)			
 for AWG cables for auxiliary contacts 	2x (20 14)	2x (20 14)		
tightening torque				
 for main contacts with screw-type terminals 	3 4.5 N·m			
design 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			
Safety 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			
Display				
display version for switching status	Slide switch			
Certificates/ approvals				
General Product Approval		For use in hazardous locations		

Declaration of Conformity

Test Certificates

Marine / Shipping



Confirmation



Type Test Certificates/Test Report

Special Test Certificate





IECEx

Marine / Shipping

other











Confirmation

Railway

Special Test Certificate

Further informatior

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

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

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

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

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RU2136-4KD1

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2136-4KD1

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

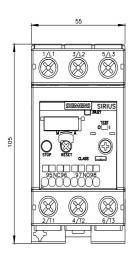
https://support.industry.siemens.com/cs/ww/en/ps/3RU2136-4KD1

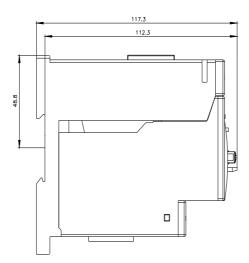
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3RU2136-4KD1&lang=en

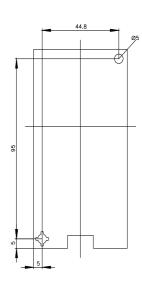
Characteristic: Tripping characteristics, I2t, Let-through current

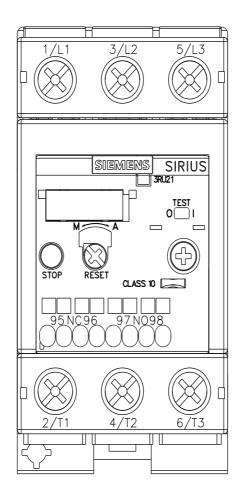
https://support.industry.siemens.com/cs/ww/en/ps/3RU2136-4KD1/char

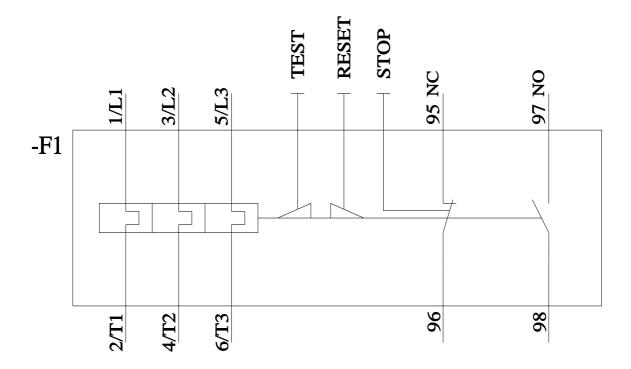
Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2136-4KD1&objecttype=14&gridview=view1











last modified: 3/8/2022 🖸