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 |
| maximum permissible voltage for protective separation in networks with grounded star point415 V• between auxiliary circuit415 V• between auxiliary and auxiliary circuit690 V• between main and auxiliary circuit600 V• derificate of suitability according to ATEX directive 2014/34/EUEX II (2) GD• derificate of suitability according to ATEX directive 2014/34/EUEX II (2) GD• derificate of suitability according to ATEX directive 2014/34/EUEX II (2) GD• derificate of suitability according to ATEX directive 2014/34/EUEX II (2) GD• during operation40 +70 °C• during operation-40 +70 °C• during properation-40 +70 °C• during transport-55 +80 °C• during transport-50 +60 °Crelative humidity during operation10 95 %Main circuit3 | insulation voltage with degree of pollution 3 at AC rated value | 690 V |
| networks with grounded star point 415 V • between auxiliary and auxiliary circuit 415 V • between main and auxiliary circuit 690 V • between according to ATEX directive 2014/34/EU Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU Ex II (2) GD certificate of suitability according to ATEX directive 2014/34/EU EX II (2) GD reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/15/2014 Ambient temperature 2 000 m ambient temperature 40 +70 °C é during peration 40 +70 °C e temperature compensation edo +60 °C relative humidity during operation 10 | surge voltage resistance rated value | 6 kV |
| • between auxiliary and auxiliary circuit415 V• between main and auxiliary circuit690 V• shock resistance according to IEC 60068-2-278g / 11 ms• type of protection according to ATEX directive 2014/34/EUEX II (2) GD• certificate of suitability according to ATEX directive 2014/34/EUDMT 98 ATEX G 001• reference code according to IEC 81346-2F• Substance Prohibitance (Date)10/15/2014Ambient conditions2 000 m• during operation-40 +70 °C• during torage-55 +80 °C• during torage of poles for main current circuit3adjustable current response value current of the current- dependent overload release7operating voltage690 V• at AC-3e rated value690 V• at AC-3e rated valu | | |
| • between main and auxiliary circuit690 V• between main and auxiliary circuit690 Vshock resistance according to IEC 60068-2-278g / 11 mstype of protection according to ATEX directive 2014/34/EUEx II (2) GDcertificate of suitability according to ATEX directive 2014/34/EUEx II (2) GDreference code according to IEC 81346-2FSubstance Prohibitance (Date)10/15/2014Ambient conditions2 000 mambient temperature-40 +70 °C• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °Ctemperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3adjustable current response value current of the current- dependent overload release3operating rolate690 V• at AC-3e rated value maximum690 V• operating frequency rated value50 60 Hz• operating frequency rated value50 60 Hz• operating frequency rated value57 A | between auxiliary and auxiliary circuit | 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 - • 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< | between auxiliary and auxiliary circuit | 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 | between main and auxiliary circuit | 690 V |
| type of protection according to ATEX directive 2014/34/EUEx II (2) GDcertificate of suitability according to ATEX directive 2014/34/EUDMT 98 ATEX G 001reference code according to IEC 81346-2FSubstance Prohibitance (Date)10/15/2014Ambient conditions2 000 mambient temperature-40 +70 °C• during operation-40 +70 °C• during transport-55 +80 °C• during transport-55 +80 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release690 Voperating voltage690 V• at AC-3e rated value690 V• at AC-3e rated value50 60 Hzoperating frequency rated value57 A | between main and auxiliary circuit | 690 V |
| certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001 reference code according to IEC 81346-2 F Substance Prohibitance (Date) 10/15/2014 Ambient conditions 2 000 m ambient temperature 40 +70 °C • during operation -40 +70 °C • during storage -55 +80 °C • during transport -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 690 V • rated value 690 V • at AC-3e rated value maximum 50 60 Hz operating frequency rated value 50 60 Hz operating frequency rated value 57 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 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 |
| installation altitude at height above sea level maximum2 000 mambient temperature-40 +70 °C• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °Ctemperature compensation-40 +60 °Crelative humidity during operation10 95 %Main 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 frequency rated value57 A | Substance Prohibitance (Date) | 10/15/2014 |
| ambient temperature-40 +70 °C• during operation-40 +70 °C• during storage-55 +80 °C• during transport-55 +80 °C• during transport-55 +80 °Ctemperature compensation-40 +60 °Crelative humidity during operation10 95 %Main 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 | 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 circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release47 57 Aoperating voltage690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperating neutrent rated value57 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 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 | |
| • 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 release47 57 Aoperating voltage690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperating number of poles for main current frequency rated value57 A | during operation | -40 +70 °C |
| temperature compensation-40 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload 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 rated value 690 V at AC-3e rated value maximum 690 V 690 V 690 V 50 60 Hz 57 A | 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 | 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 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 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 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 at 480 V rated value at 600 V rated value at 600 V rated value 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 at 480 V rated value at 600 V rated value at 600 V rated value 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 at 480 V rated value at 600 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 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) | | |
| 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 contact | ots | 2x (20 14) | | |
| ightening torque | | | | |
| for main contacts with screw-type terminals | | 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) | H | Confirmation |
| J A Lloyds | (33) | | | Comminiation |
| DNV | | | | |
| DNV LRS | PRS | RINA | RMRS | |
| | | | | |
| Railway | | | | |
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| Special Test Certific- | | | | |
| ate | | | | |
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| irther information | | | | |
| Siemens has decided to exit the Russianttps://press.siemens.com/global/en/press | | own-russian-business | | |
| Siemens is working on the renewal of t | | | | |
| | ne current EAC certifica | ates. | | |
| Please contact your local Siemens office | on the status of validity of | f the EAC certification if you inte | nd to import or offer to sup | oly these products to |
| AC relevant market (other than the sand | on the status of validity of | f the EAC certification if you inte | nd to import or offer to sup | oly these products to |
| Please contact your local Siemens office EAC relevant market (other than the sanc nformation on the packaging https://support.industry.siemens.com/cs/w | on the status of validity of tioned EAEU member sta | f the EAC certification if you inte | nd to import or offer to sup | oly these products to |

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

https://www.siemens.com/ic10

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RU2136-4QD0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RU2136-4QD0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RU2136-4QD0

 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

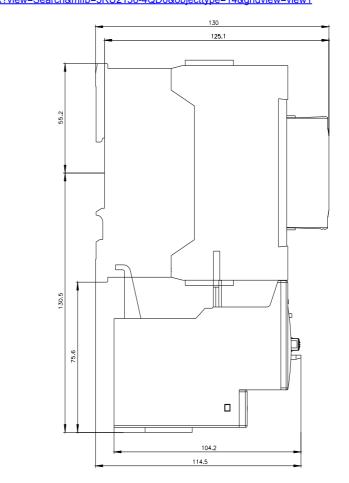
 http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RU2136-4QD0&lang=en

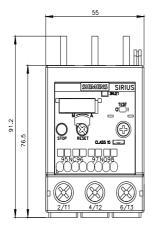
 Characteristic: Tripping characteristics, I²t, Let-through current

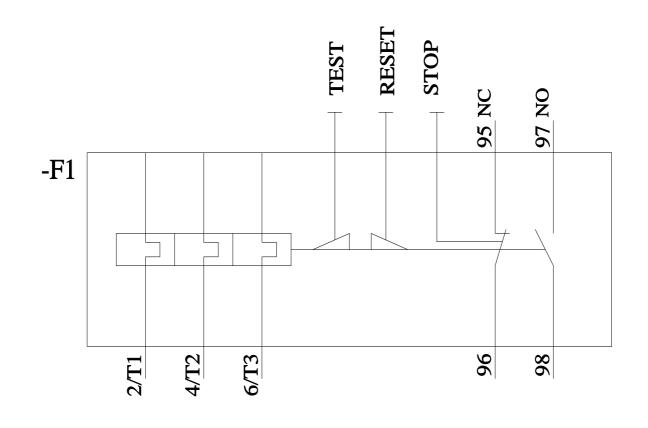
 https://support.industry.siemens.com/cs/ww/en/ps/3RU2136-4QD0/char

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

 http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RU2136-4QD0&objecttype=14&gridview=view1







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