SIEMENS

Data sheet 3RF2350-3AA06



Solid-state contactor 1-phase 3RF2 AC 51 / 50 A / 40 $^{\circ}\text{C}$ 48-600 V / 24 V DC Ring cable connection

| product brand name | SIRIUS |
|---|--|
| product designation | solid-state contactor |
| design of the product | single-phase |
| product type designation | 3RF23 |
| manufacturer's article number | |
| _1 of the accessories that can be ordered | 3RF2900-3PA88 |
| _3 of the accessories that can be ordered | 3RF2900-0EA18 |
| _4 of the accessories that can be ordered | 3RF2950-0GA16 |
| product designation | |
| _1 of the accessories that can be ordered | terminal cover |
| _3 of the accessories that can be ordered | converter |
| _4 of the accessories that can be ordered | load monitoring |
| General technical data | |
| product function | zero-point switching |
| power loss [W] for rated value of the current | |
| at AC in hot operating state | 54 W |
| at AC in hot operating state per pole | 54 W |
| without load current share typical | 0.4 W |
| insulation voltage rated value | 600 V |
| degree of pollution | 3 |
| type of voltage | |
| of the operating voltage | AC |
| of the control supply voltage | DC |
| surge voltage resistance of main circuit rated value | 6 kV |
| protection class IP | IP00 |
| protection class IP on the front according to IEC 60529 | IP00 |
| shock resistance according to IEC 60068-2-27 | 15g / 11 ms |
| vibration resistance according to IEC 60068-2-6 | 2g |
| reference code according to IEC 81346-2 | Q |
| Substance Prohibitance (Date) | 07/01/2006 |
| SVHC substance name | Lead - 7439-92-1 |
| | Lead monoxide (lead oxide) - 1317-36-8 Dibutylbis(pentane-2,4-dionato-O,0')tin - 22673-19-4 |
| Weight | 0.46 kg |
| Main circuit | |
| number of poles for main current circuit | 1 |
| number of NO contacts for main contacts | 1 |
| number of NC contacts for main contacts | 0 |
| type of voltage of the operating voltage | AC |
| | |
| operating voltage | |

| — at 50 Hz rated value | 48 600 V |
|--|--|
| — at 60 Hz rated value | 48 600 V |
| operating frequency rated value | 50 60 Hz |
| operating range relative to the operating voltage at AC | 00 00 112 |
| • at 50 Hz | 40 660 V |
| • at 60 Hz | 40 660 V |
| | 40 000 V |
| operational current • at AC-51 rated value | 50 A |
| | 36 A |
| at AC-51 according to IEC 60947-4-3 according to III F08 reted value | 45 A |
| according to UL 508 rated value | 500 mA |
| operational current minimum | |
| rate of voltage rise at the thyristor for main contacts maximum permissible | 1 000 V/µs |
| blocking voltage at the thyristor for main contacts maximum permissible | 1 600 V |
| reverse current of the thyristor | 10 mA |
| derating temperature | 40 °C |
| surge current resistance rated value | 1 150 A |
| I2t value maximum | 6 600 A²·s |
| Control circuit/ Control | |
| type of voltage of the control supply voltage | DC |
| control supply voltage 1 at DC rated value maximum | 30 V |
| permissible | |
| control supply voltage 1 at DC | 15 24 V |
| control supply voltage | |
| at DC initial value for signal <1> detection | 15 V |
| at DC full-scale value for signal<0> recognition | 5 V |
| control current at minimum control supply voltage | |
| • at DC | 13 mA |
| control current at DC rated value | 15 mA |
| ON-delay time | 1 ms; additionally max. one half-wave |
| OFF-delay time | 1 ms; additionally max. one half-wave |
| Auxiliary circuit | |
| type of switching contact | normally open contact (NO) |
| number of NC contacts for auxiliary contacts | 0 |
| number of NO contacts for auxiliary contacts | 0 |
| number of CO contacts for auxiliary contacts | 0 |
| Installation/ mounting/ dimensions | |
| fastening method side-by-side mounting | Yes |
| fastening method | screw fixing and snap-on mounting on standard mounting rail 35 mm according to IEC 60715 |
| design of the thread of the screw for securing the equipment | M4 |
| height | 100 mm |
| width | 67 mm |
| depth | 141 mm |
| Connections/ Terminals | |
| product component removable terminal for auxiliary and control circuit | Yes |
| type of electrical connection | |
| for main current circuit | Ring cable lug connection |
| for auxiliary and control circuit | ring terminal lug connection |
| type of connectable conductor cross-sections | |
| for main contacts for JIS cable lug | JIS C 2805 R 2-5, 5,5-5, 8-5, 14-5 |
| for DIN cable lug for main contacts | DIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25 |
| type of connectable conductor cross-sections | |
| for auxiliary and control contacts | |
| — solid | 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) |
| finely stranded with core end processing | 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) |
| finely stranded without core end processing | 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) |
| for AWG cables for auxiliary and control contacts | 1x (AWG 20 12) |
| tightening torque | |
| | |

| In main contacts with screw-type entimates In auxiliary and control contacts with screw-type Interminals Idealign of the thread of the connection screw In main contacts In main contact contact contact from the front with cover Intercontact and the front according to IEC 68529 Intercontact and the contact contact from the front with cover Intercontact and the contact contact from the front with cover Intercontact and the contact contact from the front with cover Intercontact and the contact contact from the front with cover Intercontact contact contact contact from the front with cover Intercontact contact contact contact from the front with cover Intercontact contact contact contact from the front with cover Intercontact contact contact contact from the front with cover Intercontact contact contact contact from the front with cover Intercontact contact co | | 0. 0.5.N |
|--|---|---|
| tightening torque (Ibfrin) of or auxiliary and control contacts with screw-type terminals design of the thread of the connection screw of or main contacts of main contacts of or main contacts of or main contacts of or main contacts of or auxiliary and control contacts of or main contacts of the contact discharge according to IEC 61000-4-3 of the threath surge according to IEC 61000-4-3 of the or main contacts of the or main contacts of the or main contacts of the conductor and surge according to IEC 61000-4-3 of the or main contacts of the or main contacts | for main contacts with screw-type terminals | 2 2.5 N·m |
| For auxiliary and control contacts with screw-type terminals design of the thread of the connection screw For main contacts For wertical contact from the front with cover For vertical contact from the front | | 0.5 0.6 N·m |
| design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts • for auxiliary and control to tech 66529 • for auxiliary and control to tech 66529 • for auxiliary and control to tech 6700 • for auxiliary an | tightening torque [lbf·in] | |
| of fre auxiliary and control contacts of the auxiliary and control contacts of or auxiliary and control or auxiliary and control and contact contac | | 4.5 5.3 lbf-in |
| of the auxiliary and control contacts stripped length of the cable of or auxiliary and control contacts of or auxiliary and control contacts | design of the thread of the connection screw | |
| stripped length of the cable • for main contacts • for wertical contact from the front with cover • for contact the front with cover • for conducted compatibility • for due to onductor-conductor surge according to IEC 61000-4-5 • due to conductor-conductor good for the for | • for main contacts | M5 |
| • for main contacts • for auxiliary and control contacts 10 mm 10 mm 10 | of the auxiliary and control contacts | M3 |
| For auxiliary and control contacts 10 mm | stripped length of the cable | |
| Electrical Safety protection class IP on the front according to IEC 60529 IP00; IP20 with cover touch protection on the front according to IEC 60529 Installation altitude at height above sea level maximum ambient conditions Installation altitude at height above sea level maximum ambient temperature e during operation e during storage -55 +80 °C Electromagnetic compatibility conducted interference e due to burst according to IEC 61000-4-5 e due to conductor-conductor surge according to IEC 61000-4-5 e due to high-frequency radiation according to IEC 61000-4-6 field-based interference according to IEC 61000-4-2 electrostatic discharge according to IEC 61000-4-2 conducted H interference emissions according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 Short-circuit protection, design of the fuse link manufacturer's article number e of \$5 fluse for semiconductor protection at cylindrical design usable e of back-up R fuse link for semiconductor protection at cylindrical design usable e of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable e of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable e of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable e of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable e of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable e of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable e of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Cordificates | • for main contacts | 10 mm |
| protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-centrus arge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-4 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 field-based interference according to IEC 61000-4-2 conducted HF interference emissions according to IEC 61000-4-2 conducted HF interference emissions according to IEC 61000-4-2 conducted HF interference emission according to IEC 61000-4-2 conducted HF interference emission according to IEC 61000-4-2 conducted HF interference emission according to IEC 61000-4-3 short-circuit protection, design of the fuse link manufacturer's article number • of gS fuse for semiconductor protection at NH design usable • of hack-up R fuse link for semiconductor protection at cylindrical design usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 2 x 88 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 2 x 88 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 2 x 88 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 2 x 88 mm usable | for auxiliary and control contacts | 10 mm |
| Installation altitude at height above sea level maximum ambient temperature during operation during storage due to burst according to IEC 61000-4-5 due to conductor-conductor surge according to IEC 61000-4-5 due to high-frequency radiation according to IEC 61000-4-3 due to high-frequence radiation according to IEC 61000-4-5 due to high-frequence radiation according to IEC 61000-4-3 due to high-frequence radiation according to IEC 61000-4-3 due to high-frequence according to IEC 61000-4-3 due to high-frequence radiation according to IEC 61000-4-3 due to high-frequence according to IEC 61000-4-3 due to high-frequence radiation according to IEC 61000-4-3 due to find the frequence radiation according to IEC 61000-4-3 due to find the frequence radiation according to IEC 61000-4-3 due to find the frequence radiation according to IEC 61000-4-3 due to find the frequence radiation according to IEC 61000-4-3 due to find the frequence radiation according to IEC 61000-4-3 due to find the frequence radiation according to IEC 61000-4-3 due to find the frequence radiation according to IEC 61000-4-3 due to find the frequence radiation according to IEC 61000-4-3 due to find the frequenc | Electrical Safety | |
| Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according | protection class IP on the front according to IEC 60529 | IP00; IP20 with cover |
| installation altitude at height above sea level maximum ambient temperature • during operation • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to IEC 61000-4-2 conducted HF interference emissions according to IEC 61000-4-2 conducted HF interference emission according to IEC 61000-4-2 class B for the domestic, business and commercial environments Short-circuit protection, design of the fuse Imk annufact | touch protection on the front according to IEC 60529 | finger-safe, for vertical contact from the front with cover |
| ambient temperature • during operation • during storage -25 +60 °C • during storage Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 filed-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 filed-bound HF interference emission according to CISPR11 filed-bound HF interference emission according to CISPR11 Class B for the domestic, business and commercial environments Short-circuit protection, design of the fuse link manufacturer's article number • of gS fuse for semiconductor protection at NH design usable • of hack-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable | Ambient conditions | |
| during operation during storage during storage 55 +80 °C Electromagnetic compatibility conducted interference due to burst according to IEC 61000-4-4 due to conductor-earth surge according to IEC 61000-4-5 due to conductor-conductor surge according to IEC 61000-4-5 due to high-frequency radiation according to IEC 61000-4-6 due to high-frequency radiation according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 electrostatic discharge according to IEC 61000-4-2 due to high-frence emissions according to IEC 61000-4-2 electrostatic discharge according to IEC 61000-4-2 due to high-frence emission according to IEC 61000-4-2 due to high-frence emission according to IEC 61000-4-3 So MHz 1 GHz 10 V/m, behavior criterion 1 decrease a conducted HF interference emission according to IEC 61000-4-3 decrease a conducted HF interference emission according to IEC 61000-4-3 design of the fuse link Class A for industrial environment Class B for the domestic, business and commercial environments Short-circuit protection, design of the fuse link manufacturer's article number of gS fuse for semiconductor protection at NH design usable of back-up R fuse link for semiconductor protection at cylindrical design usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 12 x 8 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 12 x 8 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 12 x 8 mm usable Approvals Certificates | installation altitude at height above sea level maximum | 1 000 m |
| oluring storage | ambient temperature | |
| Electromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 • due to high-frequency radiation according to IEC 61000-4-6 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radi | during operation | -25 +60 °C |
| conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 • due to high-frequency radiation according to IEC 61000-4-6 field-based interference according to IEC 61000-4-3 • delectrostatic discharge according to IEC 61000-4-3 • delectrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 field-bound HF interference emission according to CISPR11 Short-circuit protection, design of the fuse link manufacturer's article number • of gS fuse for semiconductor protection at NH design usable • of full range R fuse link for semiconductor protection at cylindrical design usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | during storage | -55 +80 °C |
| • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 • due to high-frequency radiation according to IEC 61000-4-6 • due to high-frequency radiation according to IEC 61000-4-7 • due to high-frequency radiation according to IEC 61000-4-8 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation 2 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation 2 • deviation according to IEC 61000-4-3 • due to high-frequency radiation 2 • do MHz 1 GHz 10 V/m, behavior criterion 1 • kV contact discharging / 8 kV air discharging, behavior criterion 1 • kV contact discharging / 8 kV air discharging / 8 kV a | Electromagnetic compatibility | |
| due to conductor-earth surge according to IEC 61000-4-5 due to conductor-conductor surge according to IEC 61000-4-5 due to high-frequency radiation according to IEC 61000-4-6 due to high-frequency radiation according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 Class A for industrial environment Short-circuit protection, design of the fuse link of gS fuse for semiconductor protection at cylindrical design usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | conducted interference | |
| • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-6 field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 field-bound HF interference emission according to CISPR11 Class B for the domestic, business and commercial environments Short-circuit protection, design of the fuse link manufacturer's article number of gS fuse for semiconductor protection at NH design usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 12 x 58 mm usable Approvals Certificates | due to burst according to IEC 61000-4-4 | 2 kV / 5 kHz behavior criterion 2 |
| • due to high-frequency radiation according to IEC 61000-4-6 field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 field-bound HF interference emission according to CISPR11 Class B for the domestic, business and commercial environments Short-circuit protection, design of the fuse link manufacturer's article number of gS fuse for semiconductor protection at NH design usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | due to conductor-earth surge according to IEC 61000-4-5 | 2 kV behavior criterion 2 |
| field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 Class A for industrial environment Class B for the domestic, business and commercial environments Short-circuit protection, design of the fuse link manufacturer's article number of gS fuse for semiconductor protection at NH design usable of full range R fuse link for semiconductor protection at cylindrical design usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | | 1 kV behavior criterion 2 |
| electrostatic discharge according to IEC 61000-4-2 conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 Class A for industrial environment Class B for the domestic, business and commercial environments Short-circuit protection, design of the fuse link manufacturer's article number of gS fuse for semiconductor protection at NH design usable of full range R fuse link for semiconductor protection at cylindrical design usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | | 140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1 |
| conducted HF interference emissions according to CISPR11 field-bound HF interference emission according to CISPR11 Class B for the domestic, business and commercial environments Short-circuit protection, design of the fuse link manufacturer's article number • of gS fuse for semiconductor protection at NH design usable • of full range R fuse link for semiconductor protection at cylindrical design usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | field-based interference according to IEC 61000-4-3 | 80 MHz 1 GHz 10 V/m, behavior criterion 1 |
| CISPR11 field-bound HF interference emission according to CISPR11 Class B for the domestic, business and commercial environments Short-circuit protection, design of the fuse link manufacturer's article number • of gS fuse for semiconductor protection at NH design usable • of full range R fuse link for semiconductor protection at cylindrical design usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | electrostatic discharge according to IEC 61000-4-2 | 4 kV contact discharging / 8 kV air discharging, behavior criterion 2 |
| Short-circuit protection, design of the fuse link manufacturer's article number • of gS fuse for semiconductor protection at NH design usable • of full range R fuse link for semiconductor protection at cylindrical design usable • of back-up R fuse link for semiconductor protection at NH design usable • of back-up R fuse link for semiconductor protection at NH design usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | | Class A for industrial environment |
| manufacturer's article number of gS fuse for semiconductor protection at NH design usable of full range R fuse link for semiconductor protection at cylindrical design usable of back-up R fuse link for semiconductor protection at NH design usable of back-up R fuse link for semiconductor protection at NH design usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | field-bound HF interference emission according to CISPR11 | Class B for the domestic, business and commercial environments |
| of gS fuse for semiconductor protection at NH design usable of full range R fuse link for semiconductor protection at cylindrical design usable of back-up R fuse link for semiconductor protection at NH design usable of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates 3NE1817-0 3NE1817-0 3NC1450 3NC2280 | Short-circuit protection, design of the fuse link | |
| usable • of full range R fuse link for semiconductor protection at cylindrical design usable • of back-up R fuse link for semiconductor protection at NH design usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | manufacturer's article number | |
| cylindrical design usable • of back-up R fuse link for semiconductor protection at NH design usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | | <u>3NE1817-0</u> |
| design usable • of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | | <u>5SE1363</u> |
| cylindrical design 14 x 51 mm usable • of back-up R fuse link for semiconductor protection at cylindrical design 22 x 58 mm usable Approvals Certificates | of back-up R fuse link for semiconductor protection at NH design usable | <u>3NE1817-0</u> |
| cylindrical design 22 x 58 mm usable Approvals Certificates | | <u>3NC1450</u> |
| | | 3NC2280 |
| General Product Approval | Approvals Certificates | |
| | General Product Approval | EMV |





Confirmation







Test Certificates Environment

Type Test Certificates/Test Report

Confirmation



Environmental Con-<u>firmations</u>

Further information

Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

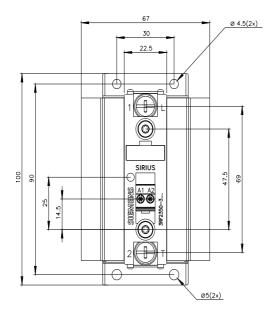
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RF2350-3AA06

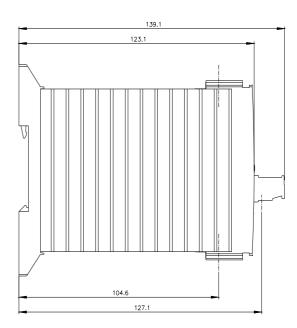
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RF2350-3AA06

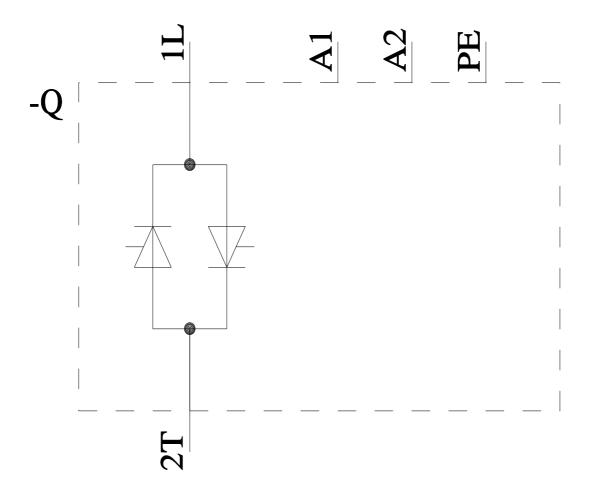
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RF2350-3AA06

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RF2350-3AA06&lang=en







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