

Reference: 3RA1210-1GA15-0AP0

LOAD FEEDER FUSELESS REVERSING
DUTY, AC 400 V, SIZES00, 4.5...6.3 A, AC
230V 50 HZ, SCREW CONNECTION TYPE
OF COORDIN. 1, IQ = 50 KA

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| General technical data: | | |
|---|-----------------------|-------------|
| product brand name | SIRIUS | |
| Product designation | non-fused load feeder | |
| Design of the product | reversing starter | |
| Size of load feeder | S00 | |
| Protection class IP on the front | IP20 | |
| Degree of pollution | 3 | |
| Insulation voltage rated value | V | 690 |
| Installation altitude at height above sea level maximum | m | 2 000 |
| Ambient temperature | | |
| during storage | °C | -55 ... +80 |
| during transport | °C | 70 ... -20 |
| during operation | °C | -20 ... +70 |
| Shock resistance | 9.8g | |
| Surge voltage resistance rated value | kV | 6 |
| Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | Q | |
| Equipment marking acc. to DIN EN 61346-2 | Q | |
| Type of assignment | 1 | |
| Mechanical service life (switching cycles) of contactor typical | 10 000 000 | |

| | | |
|--|-----|-------------------|
| Manufacturer's article number | | |
| of the supplied circuit-breakers | | 3RV10 11-1GA10 |
| of the supplied contactor | | 3RT10 15-1AP02 |
| of the supplied link module | | 3RA19 11-1AA00 |
| of the supplied RH assembly kit | | 3RA19 13-2A |
| Design of the switching contact | | electromechanical |
| Type of the motor protection | | bimetal |
| Adjustable pick-up value current of the current-dependent overload release | A | 4.5 ... 6.3 |
| Communication/ Protocol: | | |
| Product function Bus communication | | No |
| Protocol is supported | | |
| AS-interface protocol | | No |
| PROFIBUS DP protocol | | No |
| PROFINET protocol | | No |
| Main circuit: | | |
| Number of poles for main current circuit | | 3 |
| Operating voltage at AC-3 rated value maximum | V | 690 |
| Operating current at AC-3 at 400 V rated value | A | 5 |
| Operating power at AC-3 at 400 V rated value | kW | 2.2 |
| No-load switching frequency | 1/s | 15 |
| Control circuit/ Control: | | |
| Type of voltage of the control supply voltage | | AC |
| Control supply voltage frequency 1 | | |
| rated value | Hz | 50 |
| Control supply voltage 1 | | |
| at AC | | |
| — at 50 Hz rated value | V | 230 |
| Auxiliary circuit: | | |
| Product extension Auxiliary switch | | Yes |
| Number of NC contacts for auxiliary contacts | | 0 |
| Number of NO contacts for auxiliary contacts | | 0 |
| Number of CO contacts for auxiliary contacts | | 0 |
| Inputs/ Outputs: | | |
| Number of digital inputs | | 0 |
| Short-circuit: | | |
| Product function Short circuit protection | | Yes |
| Design of short-circuit protection | | circuit-breakers |

| | | | |
|---|--------------------------------|---|-------------------|
| Maximum short-circuit current breaking capacity (I _{cu}) at 400 V rated value | kA | 50 | |
| Inputs/ Outputs: | | | |
| Mounting position | | horizontal | |
| Mounting type | | snap-on fastening on 35 mm standard rail | |
| Width | mm | 90 | |
| Height | mm | 159 | |
| Depth | mm | 75 | |
| Required spacing | | | |
| with side-by-side mounting at the side | mm | 0 | |
| for grounded parts | | | |
| — forwards | mm | 10 | |
| — Backwards | mm | 0 | |
| — upwards | mm | 20 | |
| — at the side | mm | 9 | |
| for live parts | | | |
| — forwards | mm | 10 | |
| — Backwards | mm | 9 | |
| — downwards | mm | 0 | |
| — at the side | mm | 20 | |
| Connections/ Terminals: | | | |
| Type of electrical connection for main current circuit | | screw-type terminals | |
| Type of connectable conductor cross-sections | | | |
| for main contacts | | | |
| — solid | | 0.5 ... 4 mm ² , 2x (0.75 ... 2.5 mm ²) | |
| — stranded | | 0.5 ... 4 mm ² , 2x (0.75 ... 2.5 mm ²) | |
| — finely stranded with core end processing | | 0.5 ... 2.5 mm ² , 2x (0.5 ... 2.5 mm ²) | |
| at AWG conductors for main contacts | | 2x (18 ... 14) | |
| Certificate of suitability | | UL / CSA / CCC / GL / LRS / BV / DNV / PRS | |
| Certificates/ approvals: | | | |
| General Product Approval | For use in hazardous locations | Declaration of Conformity | Shipping Approval |
| Shipping Approval | | | other |
| | | | Umweltbestätigung |
| other | | | |
| Bestätigungen | | | |