

Reference: 3RA1110-0CC15-1BB4

LOAD FEEDER FUSELESS DIRECT
STARTING, AC 400V, SIZES 00 0.18...0.25
A, DC 24 V, 1NO (CONTACTOR), SCREW
CONNECT. ON 40 MM BUSBAR ADAPTER
TYPE OF COORDIN. 2, IQ = 50 KA

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| | |
|--|-----------------------|
| product brand name | SIRIUS |
| Product designation | non-fused load feeder |
| Design of the product | direct starter |
| Manufacturer's article number | |
| of the supplied contactor | 3RT1015-1BB41 |
| of the supplied circuit-breakers | 3RV1011-0CA10 |
| of the supplied busbar adapter | 8US1051-5DM07 |
| of the supplied link module | 3RA1911-1AA00 |
| General technical data: | |
| Size of load feeder | S00 |
| Insulation voltage | |
| rated value | 690 V |
| Degree of pollution | 3 |
| Surge voltage resistance rated value | 6 kV |
| Protection class IP | |
| on the front | IP20 |
| Shock resistance | 9.8g |
| Mechanical service life (switching cycles) | |
| of contactor typical | 30 000 000 |
| Type of assignment | 2 |
| Equipment marking | |

| | |
|--|-------------------|
| acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | Q |
| acc. to DIN EN 61346-2 | Q |
| acc. to DIN EN 81346-2 | Q |
| Ambient conditions: | |
| Installation altitude at height above sea level maximum | 2 000 m |
| Ambient temperature | |
| during operation | -20 ... +70 °C |
| during storage | -55 ... +80 °C |
| Main circuit: | |
| Number of poles for main current circuit | 3 |
| Design of the switching contact | electromechanical |
| Adjustable pick-up value current of the current-dependent overload release | 0.18 ... 0.25 A |
| Type of the motor protection | bimetal |
| Operating voltage | |
| at AC-3 rated value maximum | 400 V |
| Operating current | |
| at AC-3 | |
| — at 400 V rated value | 0.2 A |
| Operating power | |
| at AC-3 | |
| — at 400 V rated value | 0.06 kW |
| No-load switching frequency | 15 1/s |
| Control circuit/ Control: | |
| Type of voltage of the control supply voltage | DC |
| Control supply voltage 1 | |
| at DC rated value | 24 V |
| Auxiliary circuit: | |
| Product extension Auxiliary switch | Yes |
| Number of NO contacts | |
| for auxiliary contacts | 1 |
| Protective and monitoring functions: | |
| Maximum short-circuit current breaking capacity (I _{cu}) | |
| at 400 V rated value | 50 kA |
| Short-circuit protection | |
| Product function | |
| Short circuit protection | Yes |
| Design of short-circuit protection | circuit-breakers |

| Installation/ mounting/ dimensions: | |
|---|--|
| Mounting position | with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back |
| Mounting type | snap-on mounting |
| Height | 203 mm |
| Width | 45 mm |
| Depth | 128 mm |
| Required spacing | |
| with side-by-side mounting | |
| — at the side | 0 mm |
| for grounded parts | |
| — forwards | 10 mm |
| — Backwards | 0 mm |
| — upwards | 20 mm |
| — at the side | 9 mm |
| for live parts | |
| — forwards | 10 mm |
| — Backwards | 9 mm |
| — downwards | 0 mm |
| — at the side | 20 mm |
| 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) |
| Connectable conductor cross-section for main contacts | |
| single or multi-stranded | 0.5 ... 4 mm ² |
| finely stranded with core end processing | 0.5 ... 2.5 mm ² |
| AWG number as coded connectable conductor cross section | |
| for main contacts | 18 ... 14 |
| Communication/ Protocol: | |
| Product function Bus communication | No |
| Protocol | |

| | |
|-----------------------------------|----|
| is supported PROFIBUS DP protocol | No |
| is supported PROFINET protocol | No |
| Protocol is supported | |
| AS-interface protocol | No |
| Inputs/ Outputs: | |
| Number of digital inputs | 0 |