



Figure similar

LOAD FEEDER FUSELESS REVERSING OPERATION, AC 400V, SZ. S00, 1.4 ... 2A 24 V DC SCREW CONNECTION FOR MOUNTING ON STANDARD RAIL, TYPE OF COORDINATION 2,IQ = 150KA ALSO FULFILLS TYPE OF COORDINATION 1) 1NC (CONTACTOR) 2NO+2NC PLUGGED ONTO CONTACTOR 1NO+1NC (CIRCUIT BREAKER, TRANSVERSE) REUSABLE PACKAGING CONTAINS 16 UNITS

|                                    |                               |
|------------------------------------|-------------------------------|
| product brandname                  | SIRIUS                        |
| Product designation                | non-fused load feeders 3RA2   |
| Design of the product              | reversing starter             |
| Manufacturer's article number      |                               |
| • of the supplied contactor        | <a href="#">3RT2016-1BB44</a> |
| • of the supplied circuit-breakers | <a href="#">3RV2011-1BA15</a> |
| • of the supplied link module      | <a href="#">3RA1921-1DA00</a> |

| General technical data                   |            |
|------------------------------------------|------------|
| Size of the circuit-breaker              | S00        |
| Size of load feeder                      | S00        |
| Insulation voltage                       |            |
| • with degree of pollution 3 rated value | 690 V      |
| Surge voltage resistance rated value     | 6 kV       |
| Protection class IP                      |            |
| • on the front                           | IP20       |
| Shock resistance                         |            |
| • acc. to IEC 60068-2-27                 | 6g / 11 ms |

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Type of assignment                                                         | 2                    |
| Protection against electrical shock                                        | finger-safe          |
| Ambient conditions                                                         |                      |
| Ambient temperature                                                        |                      |
| • during operation                                                         | -20 ... +60 °C       |
| • during storage                                                           | -50 ... +80 °C       |
| • during transport                                                         | -50 ... +80 °C       |
| Temperature compensation                                                   | -20 ... +60 °C       |
| Relative humidity during operation                                         | 10 %                 |
| Main circuit                                                               |                      |
| Number of poles for main current circuit                                   | 3                    |
| Adjustable pick-up value current of the current-dependent overload release | 1.4 ... 2 A          |
| Operating voltage                                                          |                      |
| • rated value                                                              | 690 V                |
| • at AC-3 rated value maximum                                              | 690 V                |
| Operating frequency rated value                                            | 50 ... 60 Hz         |
| Operating current                                                          |                      |
| • at AC-3                                                                  |                      |
| — at 400 V rated value                                                     | 1.9 A                |
| Operating power                                                            |                      |
| • at AC-3                                                                  |                      |
| — at 400 V rated value                                                     | 750 W                |
| Control circuit/ Control                                                   |                      |
| Control supply voltage at DC                                               |                      |
| • rated value                                                              | 24 V                 |
| Holding power of magnet coil at DC                                         | 4 W                  |
| Auxiliary circuit                                                          |                      |
| Product extension Auxiliary switch                                         | Yes                  |
| Protective and monitoring functions                                        |                      |
| Trip class                                                                 | CLASS 10             |
| Design of the overload release                                             | thermal (bimetallic) |
| UL/CSA ratings                                                             |                      |
| Full-load current (FLA) for three-phase AC motor                           |                      |
| • at 480 V rated value                                                     | 2 A                  |
| Yielded mechanical performance [hp]                                        |                      |
| • for three-phase AC motor                                                 |                      |
| — at 460/480 V rated value                                                 | 0.75 hp              |
| — at 575/600 V rated value                                                 | 1 hp                 |
| Short-circuit protection                                                   |                      |

|                                                          |           |
|----------------------------------------------------------|-----------|
| <b>Product function</b>                                  |           |
| • Short circuit protection                               | Yes       |
| <b>Design of the short-circuit trip</b>                  | magnetic  |
| <b>Conditional short-circuit current (I<sub>q</sub>)</b> |           |
| • at 400 V acc. to IEC 60947-4-1 rated value             | 153 000 A |

|                                           |                                                              |
|-------------------------------------------|--------------------------------------------------------------|
| <b>Installation/ mounting/ dimensions</b> |                                                              |
| <b>Mounting position</b>                  | vertical                                                     |
| <b>Mounting type</b>                      | screw and snap-on mounting onto 35 mm standard mounting rail |
| <b>Height</b>                             | 170 mm                                                       |
| <b>Width</b>                              | 90 mm                                                        |
| <b>Depth</b>                              | 116 mm                                                       |
| <b>Required spacing</b>                   |                                                              |
| • for grounded parts                      |                                                              |
| — forwards                                | 32 mm                                                        |
| — Backwards                               | 0 mm                                                         |
| — upwards                                 | 50 mm                                                        |
| — at the side                             | 10 mm                                                        |
| — downwards                               | 10 mm                                                        |
| • for live parts                          |                                                              |
| — forwards                                | 32 mm                                                        |
| — Backwards                               | 0 mm                                                         |
| — upwards                                 | 50 mm                                                        |
| — downwards                               | 10 mm                                                        |
| — at the side                             | 10 mm                                                        |

|                                      |                      |
|--------------------------------------|----------------------|
| <b>Connections/Terminals</b>         |                      |
| <b>Type of electrical connection</b> |                      |
| • for main current circuit           | screw-type terminals |

|                                          |           |
|------------------------------------------|-----------|
| <b>Safety related data</b>               |           |
| <b>B10 value</b>                         |           |
| • with high demand rate acc. to SN 31920 | 1 000 000 |
| <b>Proportion of dangerous failures</b>  |           |
| • with high demand rate acc. to SN 31920 | 73 %      |

|                               |  |
|-------------------------------|--|
| <b>Certificates/approvals</b> |  |
|-------------------------------|--|

| General Product Approval | For use in hazardous locations | Declaration of Conformity | other |
|--------------------------|--------------------------------|---------------------------|-------|
|--------------------------|--------------------------------|---------------------------|-------|



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[Bestätigungen](#)

## Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2215-1BA16-5BB4-Z X95>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2215-1BA16-5BB4-Z X95>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2215-1BA16-5BB4-Z X95>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RA2215-1BA16-5BB4-Z X95&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2215-1BA16-5BB4-Z X95&lang=en)



