

LOAD FEEDER FUSE LINE DIRECT START,  
400 V AC, SIZES00 0.28...0.4 A,  
24 V DC,  
1NO+1NC (CIRCUIT-BREAKER) 2NO+2NC  
(CONTACTOR),  
SCREW WITH SLIDING ADAPTER TYPE OF COORDINAT.  
2,  
IQ = 50KA

| General technical data:                                                         |    |                               |
|---------------------------------------------------------------------------------|----|-------------------------------|
| product brand name                                                              |    | SIRIUS                        |
| Product designation                                                             |    | non-fused load feeder         |
| Design of the product                                                           |    | direct starter                |
| Size of the load feeder                                                         |    | S00                           |
| Protection class IP / on the front                                              |    | IP20                          |
| Degree of pollution                                                             |    | 3                             |
| Insulation voltage / rated value                                                | V  | 690                           |
| Installation altitude / at a height over sea level / maximum                    | m  | 2,000                         |
| Ambient temperature                                                             |    |                               |
| • during storage                                                                | °C | -55 ... +80                   |
| • during operating                                                              | °C | -20 ... +70                   |
| Resistance against shock                                                        |    | 9.8g                          |
| Impulse voltage resistance / rated value                                        | kV | 6                             |
| Reference code                                                                  |    |                               |
| • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 |    | Q                             |
| • according to DIN EN 61346-2                                                   |    | Q                             |
| Type of assignement                                                             |    | 1                             |
| Mechanical operating cycles as operating time / of the contactor / typical      |    | 30,000,000                    |
| Manufacturer article number                                                     |    |                               |
| • of the standard mounting rail adapter included in the scope of supply         |    | <a href="#">3RA1922-1L</a>    |
| • of the circuit-breakers included in the scope of supply                       |    | <a href="#">3RV1021-0EA15</a> |
| • of the contactor included in the scope of supply                              |    | <a href="#">3RT1016-1BB41</a> |
| • of the link module included in the scope of supply                            |    | <a href="#">3RA1911-1AA00</a> |
| Design of the switching contact                                                 |    | electromechanical             |
| Type of the motor protection                                                    |    | bimetal                       |

|                                                                                                |     |                                                                                                                   |
|------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------|
| <b>Adjustable response current</b>                                                             |     |                                                                                                                   |
| • of the current-dependent overload release                                                    | A   | 0.28 ... 0.4                                                                                                      |
| <b>Communication/ Protocol:</b>                                                                |     |                                                                                                                   |
| <b>Product function / bus-communication</b>                                                    |     | No                                                                                                                |
| <b>Protocol / is supported</b>                                                                 |     |                                                                                                                   |
| • AS interface protocol                                                                        |     | No                                                                                                                |
| • PROFIBUS DP protocol                                                                         |     | No                                                                                                                |
| • PROFINET protocol                                                                            |     | No                                                                                                                |
| <b>Main circuit:</b>                                                                           |     |                                                                                                                   |
| <b>Number of poles / for main current circuit</b>                                              |     | 3                                                                                                                 |
| <b>Operating voltage / at AC-3 / rated value / maximum</b>                                     | V   | 400                                                                                                               |
| <b>Operating current / at AC-3 / at 400 V / rated value</b>                                    | A   | 0.3                                                                                                               |
| <b>Service power / at AC-3 / at 400 V / rated value</b>                                        | kW  | 0.09                                                                                                              |
| <b>Off-load operating frequency</b>                                                            | 1/s | 15                                                                                                                |
| <b>Control circuit/ Control:</b>                                                               |     |                                                                                                                   |
| <b>Voltage type / of control feed voltage</b>                                                  |     | DC                                                                                                                |
| <b>Control supply voltage / 1</b>                                                              |     |                                                                                                                   |
| • for DC                                                                                       |     |                                                                                                                   |
| • rated value                                                                                  | V   | 24                                                                                                                |
| <b>Auxiliary circuit:</b>                                                                      |     |                                                                                                                   |
| <b>Product extension / auxiliary switch</b>                                                    |     | Yes                                                                                                               |
| <b>Number of NC contacts / for auxiliary contacts</b>                                          |     | 3                                                                                                                 |
| <b>Number of NO contacts / for auxiliary contacts</b>                                          |     | 3                                                                                                                 |
| <b>Inputs/ Outputs:</b>                                                                        |     |                                                                                                                   |
| <b>Number of digital inputs</b>                                                                |     | 0                                                                                                                 |
| <b>Short-circuit:</b>                                                                          |     |                                                                                                                   |
| <b>Product function / short circuit protection</b>                                             |     | Yes                                                                                                               |
| <b>Design of the short-circuit protection</b>                                                  |     | circuit-breakers                                                                                                  |
| <b>Breaking capacity limit short-circuit current (I<sub>cu</sub>) / at 400 V / rated value</b> | kA  | 50                                                                                                                |
| <b>Installation/ mounting/ dimensions:</b>                                                     |     |                                                                                                                   |
| <b>mounting position</b>                                                                       |     | bei senkrechter Montageebene +/-90° drehbar, bei senkrechter Montageebene +/- 22,5° nach vorne und hinten kippbar |
| <b>Mounting type</b>                                                                           |     | snap-on mounting                                                                                                  |
| <b>Width</b>                                                                                   | mm  | 45                                                                                                                |
| <b>Height</b>                                                                                  | mm  | 203                                                                                                               |

|                                                                     |    |     |
|---------------------------------------------------------------------|----|-----|
| <b>Depth</b>                                                        | mm | 128 |
| <b>Distance, to be maintained, to the ranks assembly / sideways</b> | mm | 0   |
| <b>Distance, to be maintained, to earthed part</b>                  |    |     |
| • forwards                                                          | mm | 10  |
| • backwards                                                         | mm | 0   |
| • upwards                                                           | mm | 20  |
| • sideways                                                          | mm | 9   |
| <b>Distance, to be maintained, conductive elements</b>              |    |     |
| • forwards                                                          | mm | 10  |
| • backwards                                                         | mm | 9   |
| • downwards                                                         | mm | 0   |
| • sideways                                                          | mm | 20  |

#### Connections/ terminals:

|                                                                       |                                            |
|-----------------------------------------------------------------------|--------------------------------------------|
| <b>Design of the electrical connection / for main current circuit</b> | screw-type terminals                       |
| <b>Verification of suitability</b>                                    | UL / CSA / CCC / GL / LRS / BV / DNV / PRS |

#### Certificates/ approvals:

|                                 |                                       |                                  |
|---------------------------------|---------------------------------------|----------------------------------|
| <b>General Product Approval</b> | <b>For use in hazardous locations</b> | <b>Declaration of Conformity</b> |
|---------------------------------|---------------------------------------|----------------------------------|



#### Shipping Approval



#### other

[other](#)

[Environmental Confirmations](#)

#### Further information:

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

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

##### Industry Mall (Online ordering system)

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

##### Cax online generator

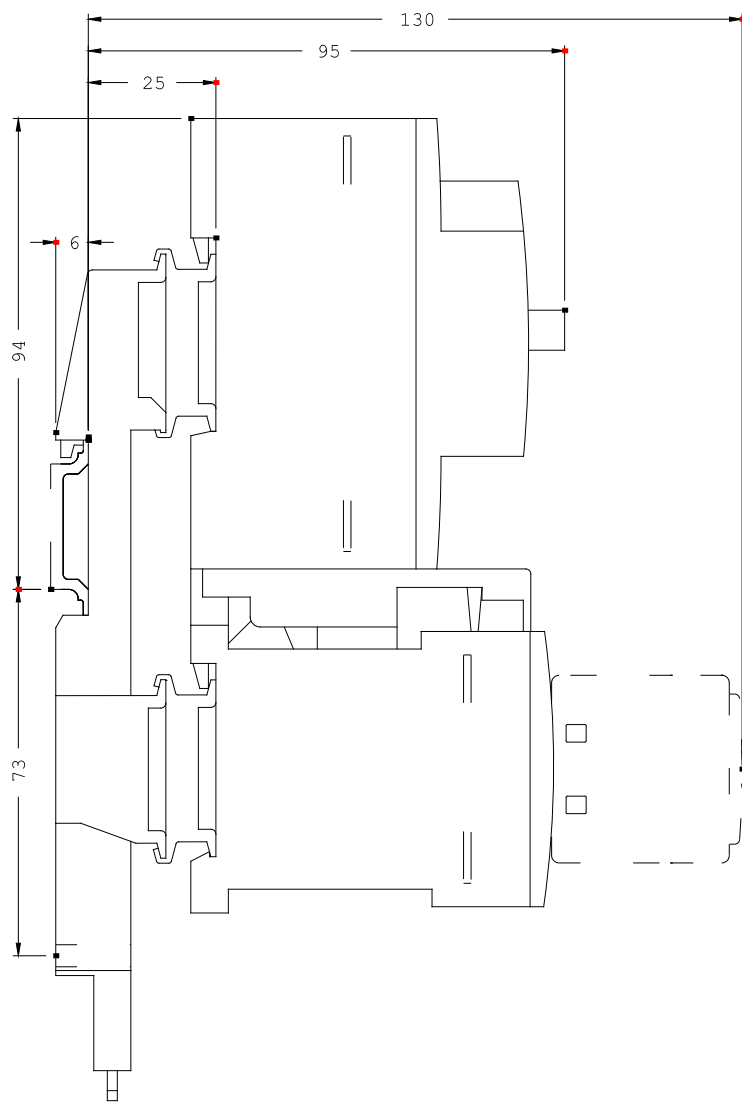
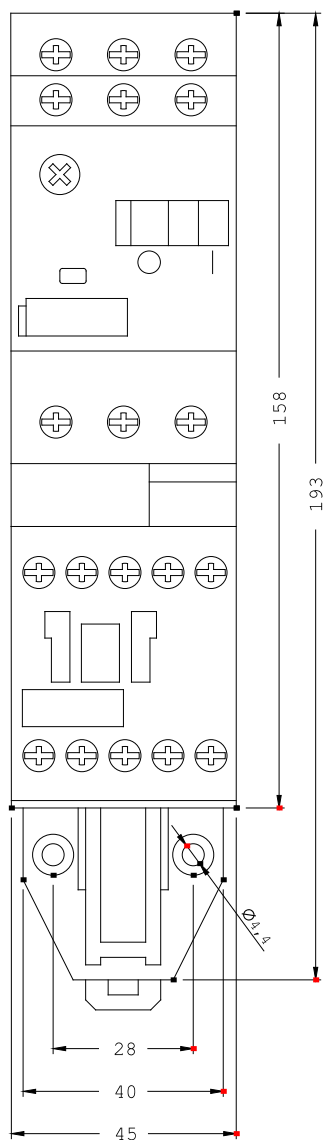
<http://www.siemens.com/cax>

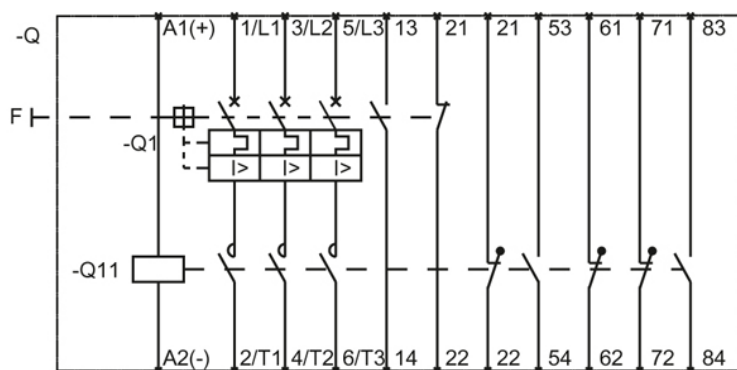
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RA1115-0EL16-4BB4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RA1115-0EL16-4BB4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA1115-0EL16-4BB4)





last change:

Jul 28, 2014