

LOAD FEEDER FUSELESS REVERSING DUTY, AC  
400 V, SIZES00, 0.14...0.2 A, DC 24V SCREW  
CONNECTION TYPE OF COORDIN. 2, IQ = 50 KA



Figure similar

| General technical data:                                                             |    |                       |
|-------------------------------------------------------------------------------------|----|-----------------------|
| product brandname                                                                   |    | 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                                                                                                                                                                                                                        |   | 2                                                                                                                                 |
| Mechanical service life (switching cycles) of contactor typical                                                                                                                                                                           |   | 10 000 000                                                                                                                        |
| Manufacturer's article number <ul style="list-style-type: none"> <li>• of the supplied circuit-breakers</li> <li>• of the supplied contactor</li> <li>• of the supplied link module</li> <li>• of the supplied RH assembly kit</li> </ul> |   | <a href="#">3RV10 11-0BA10</a><br><a href="#">3RT10 15-1BB42</a><br><a href="#">3RA19 11-1AA00</a><br><a href="#">3RA19 13-2A</a> |
| Design of the switching contact                                                                                                                                                                                                           |   | electromechanical                                                                                                                 |
| Type of the motor protection                                                                                                                                                                                                              |   | bimetal                                                                                                                           |
| Adjustable pick-up value current of the current-dependent overload release                                                                                                                                                                | A | 0.14 ... 0.2                                                                                                                      |

#### Communication/ Protocol:

|                                                                                                                                                              |  |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|
| Product function Bus communication                                                                                                                           |  | No             |
| Protocol is supported <ul style="list-style-type: none"> <li>• AS-interface protocol</li> <li>• PROFIBUS DP protocol</li> <li>• PROFINET protocol</li> </ul> |  | No<br>No<br>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   | 0.2  |
| Operating power at AC-3 at 400 V rated value   | kW  | 0.06 |
| No-load switching frequency                    | 1/s | 15   |

#### Control circuit/ Control:

|                                                                                                           |   |    |
|-----------------------------------------------------------------------------------------------------------|---|----|
| Type of voltage of the control supply voltage                                                             |   | DC |
| Control supply voltage 1 <ul style="list-style-type: none"> <li>• at DC</li> <li>— rated value</li> </ul> | V | 24 |

#### 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 (Icu)<br>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 <sup>2</sup> , 2x (0.75 ... 2.5 mm <sup>2</sup> )  |
| — stranded                                             |  | 0.5 ... 4 mm <sup>2</sup> , 2x (0.75 ... 2.5 mm <sup>2</sup> )  |
| — finely stranded with core end processing             |  | 0.5 ... 2.5 mm <sup>2</sup> , 2x (0.5 ... 2.5 mm <sup>2</sup> ) |
| • 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                                                                          |                                                                                                 |                                                                                                       |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <br>UL | <br>EAC | <br>ATEX | <br>IECEX | <br>EG-Konf. | <br>BUREAU VERITAS |

| Shipping Approval                                                                        |                                                                                           |                                                                                           | other                                       |                              |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------|------------------------------|
| <br>LRS | <br>RINA | <br>RMRS | <a href="#">Environmental Confirmations</a> | <a href="#">Confirmation</a> |

#### Further information

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

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

**Industry Mall (Online ordering system)**

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

**Cax online generator**

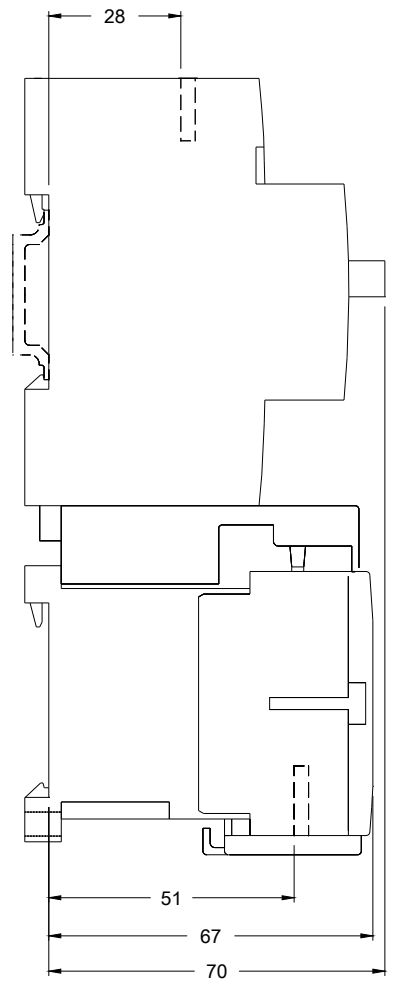
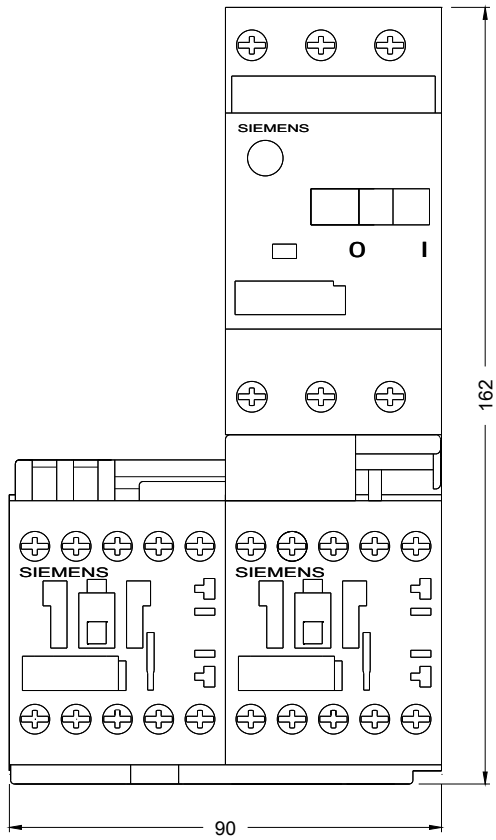
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA1210-0BA15-0BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1210-0BA15-0BB4>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RA1210-0BA15-0BB4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA1210-0BA15-0BB4&lang=en)



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