



Figure similar

SIRIUS MCU MOTOR STARTER EN.DEGR. OF PROTEC.IP55 PLASTIC COMMUNICATION WITHOUT ELECTROMECHANICAL SWITCHING SHORT-CIRCUIT PROTECTION W. CB REVERSING STARTER BRAKE WITHOUT PERFORMANCE CLASS 2.00A MOTOR PROTEC. CIRCUIT-BREAKER WITH BIMETAL-THERMAL ROTARY DRIVE GRAY / BLACK MANUAL OPERATION WITHOUT CONNEC POWER M-SCREW CONNECTION STANDARD PRODUCT

General technical data:

|  |     |                   |
|--|-----|-------------------|
| <b>Design of the product</b>   |     | reversing starter |
| <b>Product function</b>  |     |                   |
| • Bus communication  |     | No                |
| • Short circuit protection   |     | Yes               |
| <b>Protocol is supported</b>   |     |                   |
| • AS-interface protocol  |     | No                |
| • PROFINET protocol  |     | No                |
| • PROFIBUS DP protocol   |     | No                |
| <b>Product component Motor brake output</b>  |     | No                |
| <b>Product feature</b>   |     |                   |
| • brake control with 24 V DC   |     | No                |
| • brake control with 180 V DC  |     | No                |
| • brake control with 500 V DC  |     | No                |
| • brake control with 230 V AC  |     | No                |
| • brake control with 400 V AC  |     | No                |
| Product expansion braking module for brake control   |     | No                |
| <b>Type of assignment</b>  |     | 1                 |
| <b>Width</b>   | mm  | 182               |
| <b>Height</b>  | mm  | 220               |
| <b>Depth</b>   | mm  | 145               |
| <b>Operating frequency minimum</b>   | 1/h | 80                |
| <b>Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b> |     | A                 |
| <b>Equipment marking acc. to DIN EN 61346-2</b>  |     | Q                 |

#### Control circuit/ Control:

|                                 |   |      |
|---------------------------------|---|------|
| <b>Type of voltage</b>          |   | DC   |
| <b>Control supply voltage</b>   |   |      |
| • for DC Rated value            |   |      |
| — minimum                       | V | 20.4 |
| — maximum                       | V | 26.4 |
| <b>Number of digital inputs</b> |   | 0    |

#### Main circuit:

|  |    |                   |
|--|----|-------------------|
| <b>Design of short-circuit protection</b>  |    | circuit-breakers  |
| <b>Type of the motor protection</b>  |    | bimetal           |
| <b>Design of the switching contact</b>   |    | electromechanical |
| <b>Operating current with AC at 400 V Rated value</b>                              | A  | 2                 |
| <b>Operating voltage Rated value</b>   | V  | 340 ... 440       |
| <b>Operating power at AC-3 at 400 V Rated value</b>                                | kW | 0.75              |
| <b>Operating power for three-phase motors at 400 V at 50 Hz</b>                    | kW | 0.75 ... 0.75     |
| <b>Adjustable response value current of the current-dependent overload release</b> |    |                   |
| • initial value  | A  | 1.4               |
| • Full-scale value   | A  | 2                 |
| <b>Maximum short-circuit current breaking capacity (Icu) at 400 V Rated value</b>  | A  | 50 000            |
| <b>Number of poles for main current circuit</b>                                    |    | 3                 |




#### Connections/ Terminals:

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

#### Ambient conditions:

|   |    |             |
|---|----|-------------|
| <b>Protection class IP</b>                  |    | IP55        |
| <b>Ambient temperature during operation</b> | °C | -25 ... +35 |

#### Certificates/ approvals:

| General Product Approval  | Declaration of Conformity   | Test Certificates   | other   |
|---|---|---|---|
| <br>GOST |  | <br>EG-Konf. | <a href="#">Type Test Certificates/Test Report</a><br><a href="#">Environmental Confirmations</a><br><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**

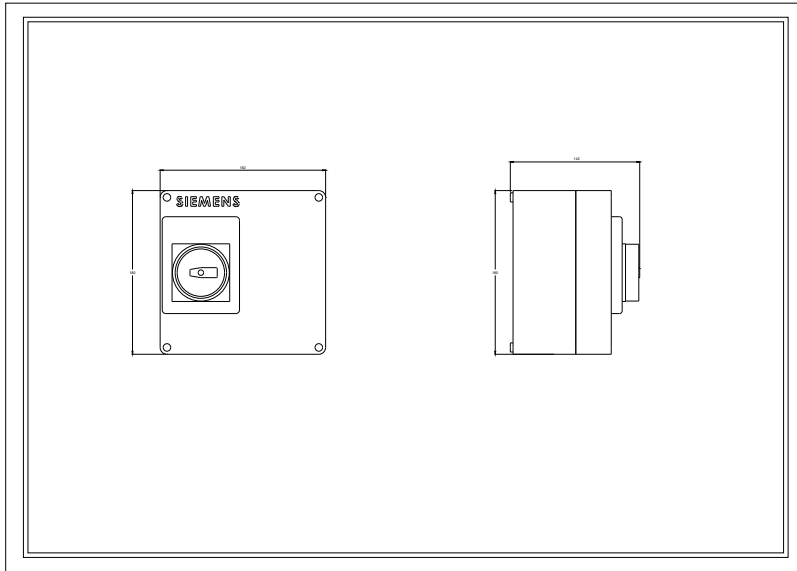
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK43403FR511BA0>

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

<http://support.automation.siemens.com/WW/view/en/3RK43403FR511BA0/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK43403FR511BA0&lang=en>



last modified:

09.03.2015