



Figure similar

SIRIUS MCU MOTOR STARTER EN. DEGR. OF PROTEC. IP55 PLASTIC COMMUNICATION WITHOUT ELECTROMECHANICAL SWITCHING SHORT-CIRCUIT PROTECTION W. CB DIRECT-ON-LINE STARTER BRAKE WITHOUT PERFORMANCE CLASS 6.30A MOTOR PROTEC. CIRCUIT-BREAKER WITH BIMETAL-THERMAL ROTARY DRIVE GRAY / BLACK MANUAL OPERATION WITHOUT CONNEC POWER M-SCREW CONNECTION STANDARD PRODUCT

General technical data:

| | | |
|--|-----|----------------|
| Design of the product | | direct starter |
| Product function | | |
| • Bus communication | | No |
| • Short circuit protection | | Yes |
| Protocol is supported | | |
| • AS-interface protocol | | No |
| • PROFINET protocol | | No |
| • PROFIBUS DP protocol | | No |
| Product component Motor brake output | | No |
| Product feature | | |
| • 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 |
| Type of assignment | | 1 |
| Width | mm | 182 |
| Height | mm | 220 |
| Depth | mm | 145 |
| Operating frequency minimum | 1/h | 80 |
| Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | | A |
| Equipment marking acc. to DIN EN 61346-2 | | Q |

Control circuit/ Control:

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

Main circuit:

| | | |
|--|----|-------------------|
| Design of short-circuit protection | | circuit-breakers |
| Type of the motor protection | | bimetal |
| Design of the switching contact | | electromechanical |
| Operating current with AC at 400 V Rated value | A | 6.3 |
| Operating voltage Rated value | V | 340 ... 440 |
| Operating power at AC-3 at 400 V Rated value | kW | 2.2 |
| Operating power for three-phase motors at 400 V at 50 Hz | kW | 2.2 ... 2.2 |
| Adjustable response value current of the current-dependent overload release | | |
| • initial value | A | 4.5 |
| • Full-scale value | A | 6.3 |
| Maximum short-circuit current breaking capacity (Icu) at 400 V Rated value | A | 50 000 |
| Number of poles for main current circuit | | 3 |




Connections/ Terminals:

| | | |
|---|--|----------------------|
| Type of electrical connection for main current circuit | | screw-type terminals |
|---|--|----------------------|

Ambient conditions:

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

Certificates/ approvals:

| General Product Approval | Declaration of Conformity | Test Certificates | other |
|---|---|---|---|
|  GOST |  |  EG-Konf. | Type Test Certificates/Test Report Environmental Confirmations Confirmation |

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

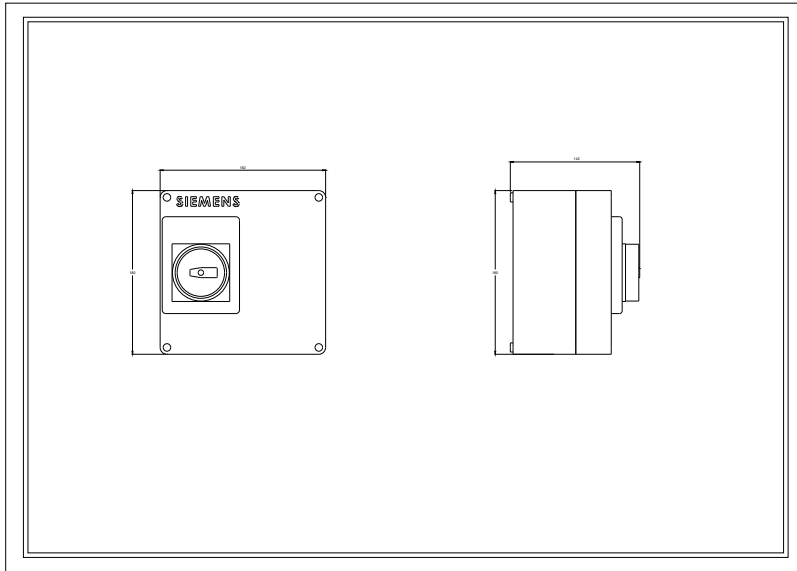
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK43403LR510BA0>

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

<http://support.automation.siemens.com/WW/view/en/3RK43403LR510BA0/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK43403LR510BA0&lang=en>



last modified:

09.03.2015