



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 3.2A MOTOR PROTEC. CIRCUIT-BREAKER WITH BIMETAL-THERMAL ROTARY DRIVE RED / YELLOW MANUAL OPERATION WITHOUT CONNEC POWER M-SCREW CONNECTION STANDARD PRODUCT

| General details: | | |
|--|----|----------------|
| 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 / outlet for engine brake | | No |
| Product equipment | | |
| • 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 extension | | |
| • braking module for brake control | | No |
| Type of assignment | | 1 |
| Width | mm | 182 |

| | | |
|--|-----|-----|
| Height | mm | 220 |
| Depth | mm | 145 |
| Operating cycles / minimum | 1/h | 80 |
| Item designation | | |
| • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 | | A |
| • according to DIN EN 61346-2 | | Q |

| Control circuit: | | |
|---|----|-----------|
| type of voltage | | AC |
| Control supply voltage | | |
| • at 50 Hz / at AC / rated value / minimum | V | 184 |
| • at 50 Hz / at AC / rated value / maximum | V | 253 |
| • at 60 Hz / at AC / rated value / minimum | V | 196 |
| • at 60 Hz / at AC / rated value / maximum | V | 253 |
| Supply voltage frequency / for auxiliary and control current circuit | | |
| • rated value | Hz | 50 ... 60 |
| Number of digital inputs | | 1 |

| Main circuit: | | |
|---|----|-------------------|
| Design of the short-circuit protection | | circuit-breakers |
| Type of the motor protection | | bimetal |
| Design of the switching contact | | electromechanical |
| Operating current / at 400 V / for AC / rated value | A | 3.2 |
| Operating voltage / rated value | | |
| • minimum | V | 340 |
| • maximum | V | 440 |
| Service power | | |
| • at AC-3 / at 400 V / rated value | kW | 1.1 |
| • for three-phase servomotors / at 400 V / at 50 Hz / minimum | kW | 1.1 |
| • for three-phase servomotors / at 400 V / at 50 Hz / maximum | kW | 1.1 |
| Adjustable response current / of the current-dependent overload release | | |
| • initial value | A | 2.2 |
| • final value | A | 3.2 |
| Breaking capacity limit short-circuit current (Icu) / at 400 V / rated value | A | 50,000 |
| Number of poles / for main current circuit | | 3 |

| Connection type: | | |
|---|--|----------------------|
| Design of the electrical connection / for main current circuit | | screw-type terminals |

Ambient conditions:

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

Certificates/approvals:

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

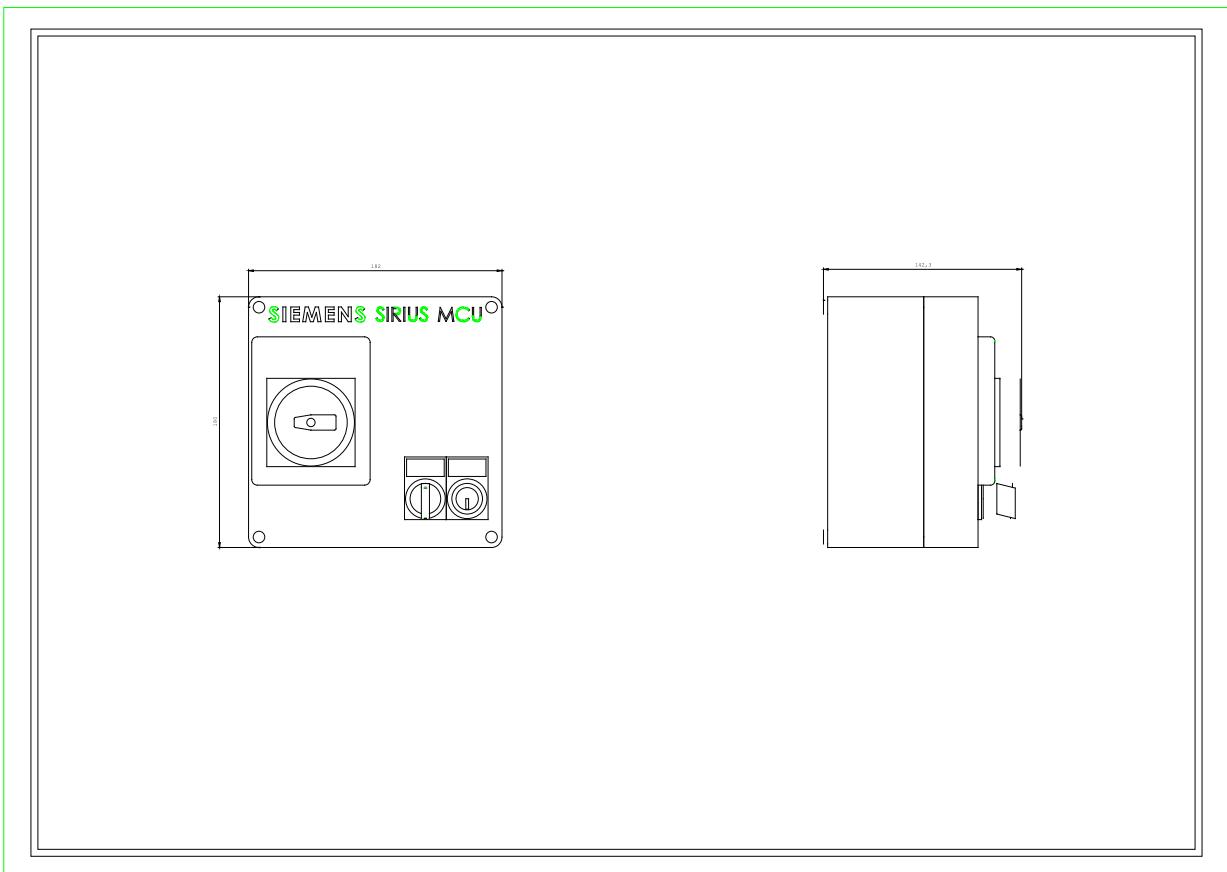
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK4353-3HR58-0BA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK4353-3HR58-0BA0



last change:

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