



SIRIUS MCU motor starter Enclosure degree of protection IP55 plastic Communication without electromechanically switching Short-circuit protection with circuit breaker DOL starter Brake without Performance class 1.25 A Motor circuit breaker with bi-metal thermal Manual operation without Connection power M screw connection Standard product

| General technical data:                                   |                |
|---|----------------|
| <b>Design of the product</b>                              | direct 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             |
| <b>Product extension braking module for brake control</b> | No             |
| <b>Type of assignment</b>                                 | 1              |
| <b>Width</b>  | 182 mm         |

|   |        |
|---|--------|
| Height  | 220 mm |
| Depth   | 145 mm |
| Operating frequency minimum   | 80 1/h |
| 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  |                  |
| <ul style="list-style-type: none"> <li>• at DC rated value</li> <li>— minimum</li> <li>— maximum</li> </ul> | 20.4 V<br>26.4 V |
| 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 at AC at 400 V rated value  | 1.25 A            |
| Operating voltage rated value   | 340 ... 440 V     |
| Operating power at AC-3 at 400 V rated value  | 0.37 kW           |
| Operating power for three-phase motors at 400 V at 50 Hz                                | 0.37 ... 0.37 kW  |
| Adjustable pick-up value current of the current-dependent overload release              | 0.9 ... 1.25 A    |
| Maximum short-circuit current breaking capacity (I <sub>cu</sub> ) at 400 V rated value | 50 000 A          |
| 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 | -25 ... +35 °C |

#### Certificates/ approvals:

| General Product Approval | Declaration of Conformity | Test Certificates | other |
|--------------------------|---------------------------|-------------------|-------|
|--------------------------|---------------------------|-------------------|-------|



[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[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

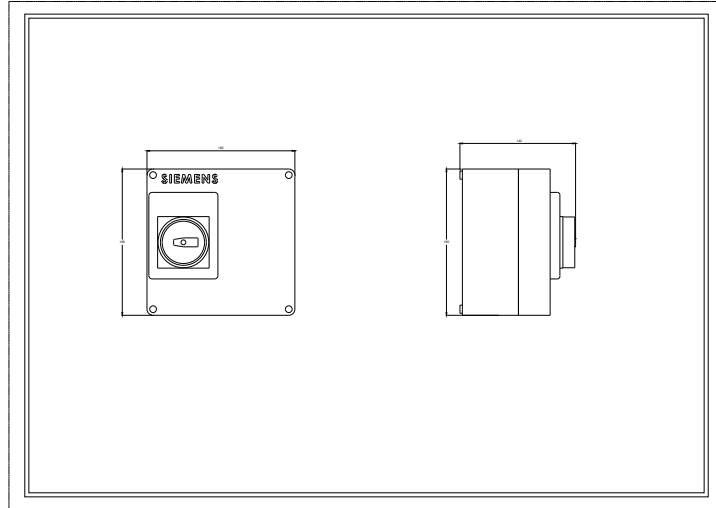
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK4340-3DR51-0BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK4340-3DR51-0BA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RK4340-3DR51-0BA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RK4340-3DR51-0BA0&lang=en)



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