

SIRIUS MCU motor starter Enclosure degree of protection IP55 plastic Communication AS-Interface electromechanically switching Short-circuit protection with circuit breaker Reversing starter Brake without Performance class 3.20 A Motor circuit breaker with bi-metal thermal Manual operation without Connection power M screw connection Standard product



Figure similar

General technical data:	
<b>Design of the product</b>	reversing starter
<b>Product function</b>	
• Bus communication	Yes
• Short circuit protection	Yes
<b>Protocol is supported</b>	
• AS-interface protocol	Yes
• 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

Type of assignment	1
Width	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 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	3.2 A
Operating voltage rated value	340 ... 440 V
Operating power at AC-3 at 400 V rated value	1.1 kW
Operating power for three-phase motors at 400 V at 50 Hz	1.1 ... 1.1 kW
Adjustable pick-up value current of the current-dependent overload release	2.2 ... 3.2 A
Maximum short-circuit current breaking capacity (Icu) 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**

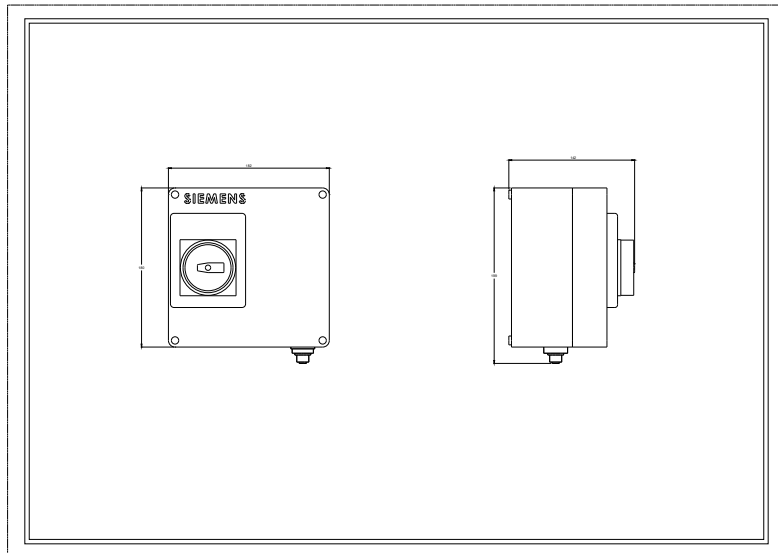
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK4320-3HR51-1BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK4320-3HR51-1BA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RK4320-3HR51-1BA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RK4320-3HR51-1BA0&lang=en)



last modified:

07/25/2019