

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 1.60 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
<b>Height</b>	220 mm
<b>Depth</b>	145 mm
<b>Operating frequency minimum</b>	80 1/h
<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>	
• at DC rated value	
— minimum	20.4 V
— maximum	26.4 V
<b>Number of digital inputs</b>	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	1.6 A
Operating voltage rated value	340 ... 440 V
Operating power at AC-3 at 400 V rated value	0.55 kW
Operating power for three-phase motors at 400 V at 50 Hz	0.55 ... 0.55 kW
Adjustable pick-up value current of the current-dependent overload release	1.1 ... 1.6 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
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#### Ambient conditions:

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

#### Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other
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[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**

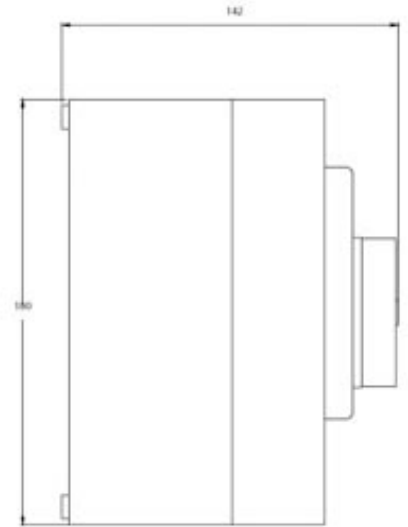
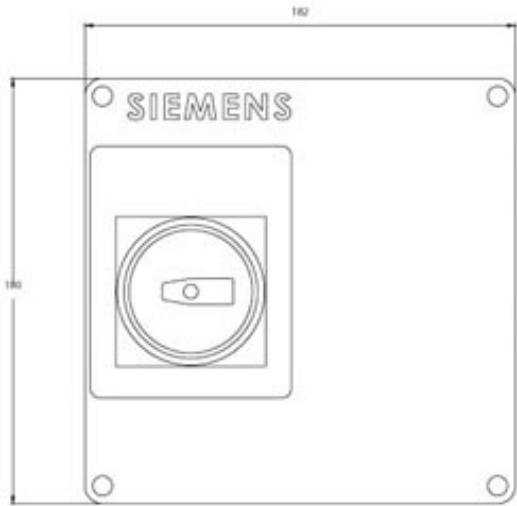
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK4340-3ER51-0BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK4340-3ER51-0BA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RK4340-3ER51-0BA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RK4340-3ER51-0BA0&lang=en)



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