



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 CONNEX POWER M-SCREW CONNECTION STANDARD PRODUCT

General details:		
<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 / outlet for engine brake</b>		No
<b>Product equipment</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</b>		
• braking module for brake control		No
<b>Type of assignment</b>		1
<b>Width</b>	mm	182

<b>Height</b>	mm	220
<b>Depth</b>	mm	145
<b>Operating cycles / minimum</b>	1/h	80
<b>Item designation</b>		
<ul style="list-style-type: none"> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		A
<ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> </ul>		Q

#### Control circuit:

<b>type of voltage</b>		AC
<b>Control supply voltage</b>		
<ul style="list-style-type: none"> <li>• at 50 Hz / at AC / rated value / minimum</li> </ul>	V	184
<ul style="list-style-type: none"> <li>• at 50 Hz / at AC / rated value / maximum</li> </ul>	V	253
<ul style="list-style-type: none"> <li>• at 60 Hz / at AC / rated value / minimum</li> </ul>	V	196
<ul style="list-style-type: none"> <li>• at 60 Hz / at AC / rated value / maximum</li> </ul>	V	253
<b>Supply voltage frequency / for auxiliary and control current circuit</b>		
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	Hz	50 ... 60
<b>Number of digital inputs</b>		1

#### Main circuit:

<b>Design of the short-circuit protection</b>		circuit-breakers
<b>Type of the motor protection</b>		bimetal
<b>Design of the switching contact</b>		electromechanical
<b>Operating current / at 400 V / for AC / rated value</b>	A	3.2
<b>Operating voltage / rated value</b>		
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	V	340
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	V	440
<b>Service power</b>		
<ul style="list-style-type: none"> <li>• at AC-3 / at 400 V / rated value</li> </ul>	kW	1.1
<ul style="list-style-type: none"> <li>• for three-phase servomotors / at 400 V / at 50 Hz / minimum</li> </ul>	kW	1.1
<ul style="list-style-type: none"> <li>• for three-phase servomotors / at 400 V / at 50 Hz / maximum</li> </ul>	kW	1.1
<b>Adjustable response current / of the current-dependent overload release</b>		
<ul style="list-style-type: none"> <li>• initial value</li> </ul>	A	2.2
<ul style="list-style-type: none"> <li>• final value</li> </ul>	A	3.2
<b>Breaking capacity limit short-circuit current (I<sub>cu</sub>) / at 400 V / rated value</b>	A	50,000
<b>Number of poles / for main current circuit</b>		3

#### Connection type:

<b>Design of the electrical connection / for main current circuit</b>		screw-type terminals
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### Ambient conditions:

**Protection class IP**

IP55

**Ambient temperature**

- during operating

°C

-25 ... +35

### Certificates/approvals:

**General Product Approval**

GOST

**Declaration of Conformity**

EG-Konf.

**Test Certificates**

[Type Test Certificates/Test Report](#)

**other**

[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**

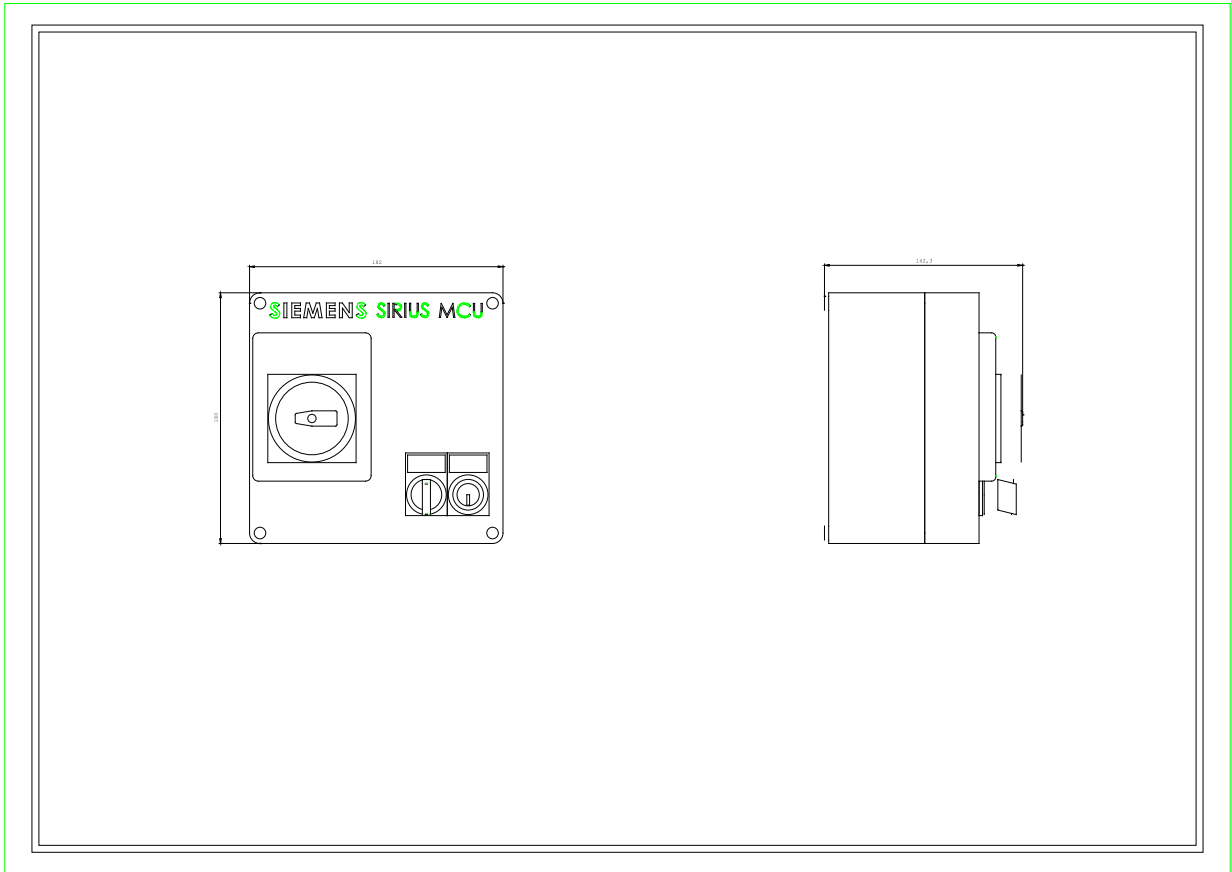
<http://www.siemens.com/cax>

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



last change:

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