



Figure similar

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 12.00A MOTOR PROTEC. CIRCUIT-BREAKER WITH BIMETAL-THERMAL ROTARY DRIVE GRAY / BLACK MANUAL OPERATION WITHOUT CONNEC POWER M-SCREW CONNECTION STANDARD PRODUCT

General technical data:

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 Motor brake output		No
Product feature		
• 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 expansion braking module for brake control		No
Type of assignment		1
Width	mm	182
Height	mm	220
Depth	mm	145
Operating frequency minimum	1/h	80
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		
• for DC Rated value		
— minimum	V	20.4
— maximum	V	26.4
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 with AC at 400 V Rated value	A	12
Operating voltage Rated value	V	340 ... 440
Operating power at AC-3 at 400 V Rated value	kW	5.5
Operating power for three-phase motors at 400 V at 50 Hz	kW	5.5 ... 5.5
Adjustable response value current of the current-dependent overload release		
• initial value	A	9
• Full-scale value	A	12.5
Maximum short-circuit current breaking capacity (Icu) at 400 V Rated value	A	50 000
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	°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/industrymall>

Cax online generator

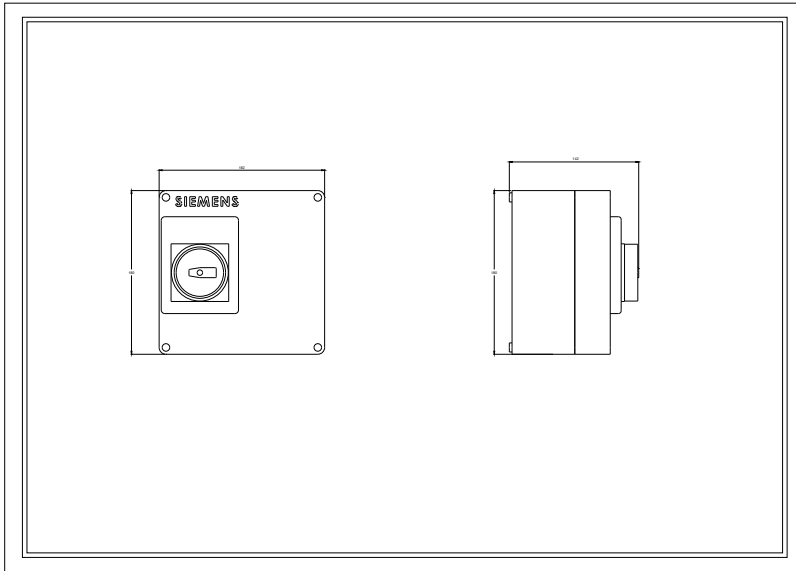
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK43403PR510BA0>

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

<http://support.automation.siemens.com/WW/view/en/3RK43403PR510BA0/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK43403PR510BA0&lang=en>



last modified:

09.03.2015