



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 2 A Motor circuit
 breaker with bi-metal thermal Manual operation latching Connection power M
 screw connection Electrical wholesale version

product brand name	SIRIUS
product designation	motor starter MCU controlled on site
design of the product	direct starter
product function	
• bus communication	No
• short circuit protection	Yes
protection class IP	IP55
operating frequency minimum	80 1/h
type of assignment	1
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	05/01/2012
SVHC substance name	Blei - 7439-92-1
product component motor brake output	No
product feature	
• brake control with 400 V AC	No
• brake control with 24 V DC	No
• brake control with 180 V DC	No
• brake control with 500 V DC	No
product extension braking module for brake control	No
design of short-circuit protection	circuit-breakers
maximum short-circuit current breaking capacity (I _{cu}) at 400 V rated value	50 000 A
proportion of dangerous failures	
• with low demand rate according to SN 31920	50 %
• with high demand rate according to SN 31920	75 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
B10 value with high demand rate according to SN 31920	1 000 000
T1 value for proof test interval or service life according to IEC 61508	20 a
Main circuit	
number of poles for main current circuit	3
design of the switching contact	electromechanical
adjustable current response value current of the current-dependent overload release	1.4 ... 2 A
type of the motor protection	bimetal
type of voltage	AC
operating voltage rated value	340 ... 440 V
operating frequency 1 rated value	50 Hz
operating frequency 2 rated value	60 Hz
relative positive tolerance of the operating frequency	10 %

relative negative tolerance of the operating frequency	-10 %		
operational current			
• at AC at 400 V rated value	2 A		
• at AC-3 at 400 V rated value	2 A		
operating power at AC-3 at 400 V rated value	0.8 kW		
operating power for 3-phase motors at 400 V at 50 Hz	0.75 ... 0.75 kW		
number of digital inputs	1		
type of voltage of the supply voltage	AC		
control supply voltage at AC			
• at 50 Hz rated value	184 ... 253 V		
• at 60 Hz rated value	196 ... 253 V		
supply voltage frequency for auxiliary and control circuit rated value	50 ... 60 Hz		
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface		
height	220 mm		
width	182 mm		
depth	145 mm		
Ambient conditions			
ambient temperature during operation	-25 ... +35 °C		
protocol is supported			
• PROFIBUS DP protocol	No		
• PROFINET protocol	No		
protocol is supported AS-Interface protocol	No		
type of electrical connection for main current circuit	screw-type terminals		
General Product Approval	Declaration of Conformity	Test Certificates	other

[Confirmation](#)



[Type Test Certificates/Test Report](#)

[Confirmation](#)

Dangerous Good

[Transport Information](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK4353-3FR58-0BA0>

Cax online generator

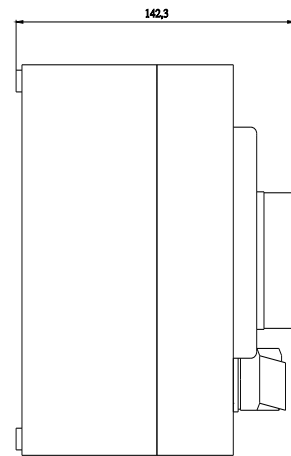
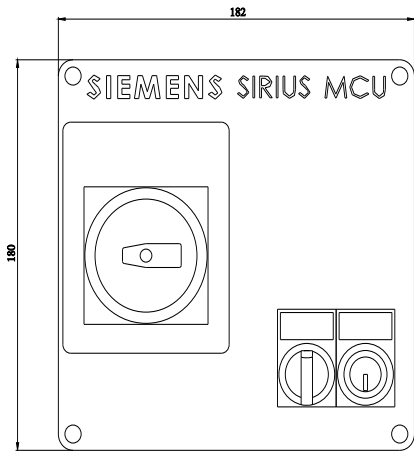
<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3RK4353-3FR58-0BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK4353-3FR58-0BA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK4353-3FR58-0BA0&lang=en



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