SIEMENS

Data sheet





product brand name	SIRIUS
product designation	Motor starters
design of the product	direct starter
product type designation	M200D
product function	
on-site operation	No
 control circuit interface to parallel wiring 	No
insulation voltage rated value	500 V
degree of pollution	3
surge voltage resistance rated value	6 000 V
maximum permissible voltage for protective separation	
 between main and auxiliary circuit 	400 V
 between control and auxiliary circuit 	24 V
protection class IP	IP65
shock resistance	12g / 11 ms
type of assignment	1
certificate of suitability	CE
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7
product function	
direct start	Yes
reverse starting	No
product component motor brake output	Yes
product feature	
 brake control with 230 V AC 	Yes
 brake control with 400 V AC 	Yes
 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
product function short circuit protection	Yes
design of short-circuit protection	circuit-breakers
maximum short-circuit current breaking capacity (Icu)	
 at 400 V rated value 	50 000 A
• at 500 V rated value	20 000 A
EMC emitted interference according to IEC 60947-1	CISPR11, ambience A (group 2)
EMC immunity according to IEC 60947-1	corresponds to degree of severity 3, ambience A (industrial sector)
conducted interference	

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installation altitude at height above sea level maximum 2 000 m	supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage 1 • at DC rated value • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit Response times ON-delay time OFF-delay time mounting position • recommended fastening method height width	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm
	supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage 1 • at DC rated value • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit Response times ON-delay time OFF-delay time mounting position • recommended fastening method height width depth	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm
ampient temperature	supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage 1 • at DC rated value • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit Response times ON-delay time OFF-delay time mounting position • recommended fastening method height width depth Ambient conditions	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 159 mm
	supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage 1 • at DC rated value • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit Response times ON-delay time OFF-delay time mounting position • recommended fastening method height width depth Ambient conditions installation altitude at height above sea level maximum	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 159 mm

during operation	-25 +55 °C
during storage	-40 +70 °C
during transport	-40 +70 °C
relative humidity during operation	10 95 %
protocol is supported	
 PROFIBUS DP protocol 	No
PROFINET protocol	No
design of the interface	
AS-Interface protocol	Yes
PROFINET protocol	No
PROFIBUS DP protocol	No
product function bus communication	Yes
protocol is supported AS-Interface protocol	Yes
product function control circuit interface with IO link	No
type of electrical connection of the communication interface	M12 plug
type of electrical connection	
for main current circuit	plug according to ISO 23570, HAN Q4/2
 for auxiliary and control circuit 	connector
type of electrical connection	
1 for digital input signals	M12 socket
 1 for digital output signals 	M12 socket
 2 for digital input signals 	M12 socket
 3 for digital input signals 	M12 socket
 4 for digital input signals 	M12 socket
type of electrical connection	
• at the manufacturer-specific device interface	optical interface
 for device addressing 	M12 plug
for supply voltage line-side	M12 plug
full-load current (FLA) for 3-phase AC motor at 480 V rated value	7.6 A
yielded mechanical performance [hp]	
• for 3-phase AC motor	
— at 220/230 V rated value	2 hp
— at 460/480 V rated value	5 hp
operating voltage at AC at 60 Hz according to CSA and UL rated value	480 V
Certificates/ approvals	

Certificates/ approvals

General Product Approval







Confirmation







Declaration of Conformity

Test Certificates

other





Type Test Certificates/Test Report



Confirmation

Further informatior

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,...)

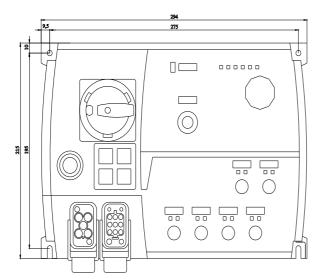
https://www.siemens.com/ic10

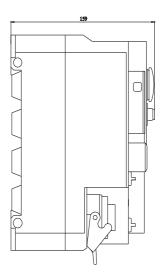
Industry Mall (Online ordering system)

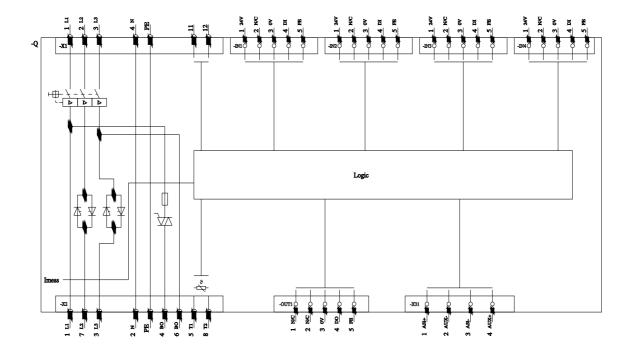
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1315-6NS71-0AA3

Cax online generator

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3RK1315-6NS71-0AA3&lang=en







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