SIEMENS

Data sheet

3RK1325-6KS71-2AA0



SIRIUS motor starter M200D AS-i Communication: AS-Interface DOL starter Standard Electronic switching AC-3, 0.75KW / 400 V 0.15 A...2.00 A Electronic overload protection Thermistor: THERMOCLICK / PTC without brake contact 4 DI / 1 DO AS-i Han Q4/2 - Han Q8/0 with manual on-site operation and key-operated switch

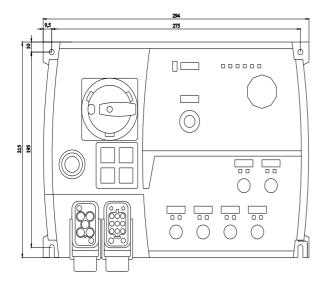
product brand name	SIRIUS
product designation	Motor starters
design of the product	direct starter
product type designation	M200D
product function	
 on-site operation 	Yes
 control circuit interface to parallel wiring 	No
insulation voltage rated value	500 V
degree of pollution	3
surge voltage resistance 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 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7
product function	
direct start	Yes
 reverse starting 	No
product component motor brake output	No
product feature	
 brake control with 230 V AC 	No
 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
product function short circuit protection	Yes
design of short-circuit protection	circuit-breakers
maximum short-circuit current breaking capacity (lcu)	
• 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	
 due to burst according to IEC 61000-4-4 	2 kV network connection / 1 kV control connection

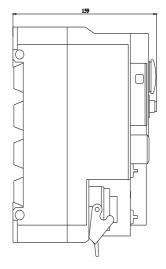
 due to conductor-earth surge according to IEC 61000-4-5 	2 kV
due to conductor-conductor surge according to IEC	1 kV
61000-4-5	
touch protection against electrical shock	finger-safe
Main circuit	
number of poles for main current circuit	3
design of the switching contact	solid-state / thyristor / 2 phases
adjustable current response value current of the current- dependent overload release	0.15 2 A
type of the motor protection	full motor protection
operating voltage rated value	200 440 V
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	0.75 kW
— at 500 V rated value	750 W
• at AC-3e	
— at 400 V rated value	1 kW
— at 500 V rated value	0.75 kW
product function	
 digital inputs parameterizable 	Yes
 digital outputs parameterizable 	Yes
number of digital inputs	4
number of sockets	
 for digital output signals 	1
 for digital input signals 	4
number of digital outputs	1
Supply voltage	
type of voltage of the supply voltage	DC
supply voltage 1 at DC	24 V
supply voltage 1 at DC supply voltage 1 at DC rated value	24 V 30 V
 supply voltage 1 at DC rated value minimum permissible maximum permissible 	30 V
• minimum permissible	30 V 26.5 V
 supply voltage 1 at DC rated value minimum permissible maximum permissible 	30 V 26.5 V
supply voltage 1 at DC rated value minimum permissible maximum permissible Control circuit/ Control	30 V 26.5 V 31.6 V
supply voltage 1 at DC rated value	30 V 26.5 V 31.6 V DC
supply voltage 1 at DC rated value	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V
supply voltage 1 at DC rated value	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V
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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	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 20.4 28.8 V 20.4 28.8 V
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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	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 20.4 28.8 V 20.4 28.8 V
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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	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 20.4 28.8 V 20.4 28.8 V
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supply voltage 1 at DC rated value	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 1.9872 W 2.2176 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm
supply voltage 1 at DC rated value	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 2.2176 W 225 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm
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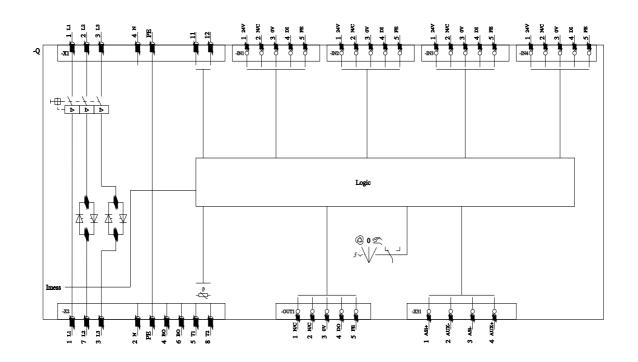
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for supply voltage line-side M12 plug full-load current (FLA) for 3-phase AC motor at 480 V rated value	
full-load current (FLA) for 3-phase AC motor at 480 V rated value 1.6 A	
value	
yielded mechanical performance [hp]	
for 3-phase AC motor	
— at 460/480 V rated value 0.7 hp	
operating voltage at AC at 60 Hz according to CSA and UL 480 V rated value	
Certificates/ approvals	
General Product Approval EMC	
Confirmation Confirmation Confirmation Confirmation Confirmation	RCM
Declaration of Conformity Test Certificates other	
UK Confirmation Confirmation Confirmation Confirmation Asi	
Further information Siemens has decided to exit the Russian market (see here).	

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=3RK1325-6KS71-2AA0 Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1325-6KS71-2AA0 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RK1325-6KS71-2AA0 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1325-6KS71-2AA0&lang=en







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