SIEMENS

Data sheet

3RK1315-6KS71-0AA3

SIRIUS motor starter M200D AS-i Communication: AS-Interface DOL starter Basic Electronic switching AC-3, 0.75KW / 400 V 0.15 A...2.00 A Electronic overload protection Thermistor: THERMOCLICK / PTC with brake contact 400 V AC 2DI AS-i + 2DI / 1DO on device Han Q4/2 - Han Q8/0



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 2,2',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	
 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 	No
 digital outputs parameterizable 	No
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	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
supply voltage 1 at DC rated value	30 V 26.5 V 31.6 V DC 20.4 28.8 V
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 • 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	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V
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	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V
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	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
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
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	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
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
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 at DC rated value e 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 20.4 28.8 V 20.4 28.8 V 20.4 28.8 V
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 • N-delay time	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 1.9584 W 2.1888 W
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 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 • in switching state ON with bypass circuit • ON-delay time	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 1.9584 W 2.1888 W
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 • of Ff-delay time OFF-delay time mounting position	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 100 mA 600 mA 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat
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 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 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 100 mA 600 mA 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal
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 100 mA 600 mA 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing
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 1.9584 W 2.1888 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 20.5 mA 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 OFF with bypass circuit 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 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 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 recommended oFF-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 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 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	30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 20.5 mA 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 recommended oFF-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 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 159 mm

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	in 12 plog
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 nuput 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	WIZ SUCKEL
	ontical interface
at the manufacturer-specific device interface for device addressing	optical interface
for device addressing	M12 plug
for supply voltage line-side full-load current (FLA) for 3-phase AC motor at 480 V rated value	M12 plug 1.6 A
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	
ertificates/ approvals	
General Product Approval	EMC
Declaration of Conformity Test Certifica	tes other
CE UK Type Test Certific- ates/Test Report Confirmation Kai Asi	
urther information	

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)

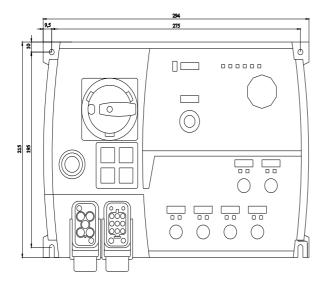
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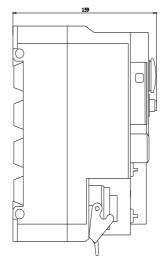
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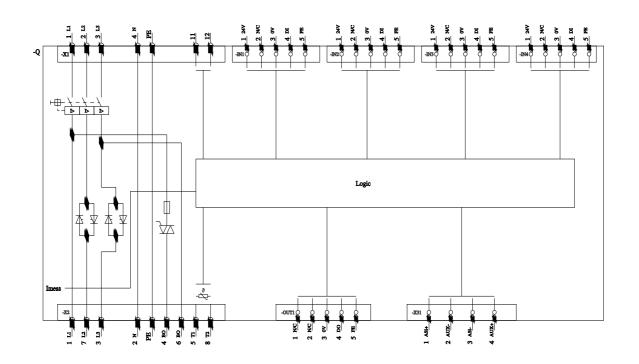
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