## 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

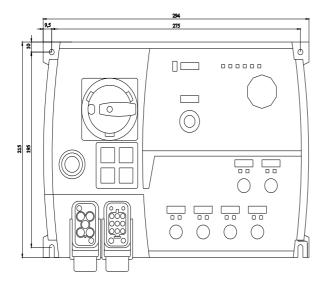
product brand name	SIRIUS
product designation	Motor starters
design of the product	direct starter
product type designation	M200D
product function	
<ul> <li>on-site operation</li> </ul>	Yes
<ul> <li>control circuit interface to parallel wiring</li> </ul>	No
insulation voltage rated value	500 V
degree of pollution	3
surge voltage resistance rated value	6 000 V
maximum permissible voltage for protective separation	
<ul> <li>between main and auxiliary circuit</li> </ul>	400 V
<ul> <li>between control and auxiliary circuit</li> </ul>	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
<ul> <li>reverse starting</li> </ul>	No
product component motor brake output	No
product feature	
<ul> <li>brake control with 230 V AC</li> </ul>	No
<ul> <li>brake control with 400 V AC</li> </ul>	No
<ul> <li>brake control with 24 V DC</li> </ul>	No
<ul> <li>brake control with 180 V DC</li> </ul>	No
<ul> <li>brake control with 500 V DC</li> </ul>	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	
<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	2 kV network connection / 1 kV control connection

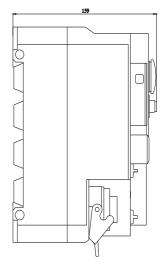
<ul> <li>due to conductor-earth surge according to IEC 61000-4-5</li> </ul>	2 kV
due to conductor-conductor surge according to IEC	1 kV
61000-4-5	
touch protection against electrical shock	finger-safe
Main circuit	
number of poles for main current circuit	3
design of the switching contact	solid-state / 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
<ul> <li>at AC-3 at 400 V rated value</li> </ul>	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	
<ul> <li>digital inputs parameterizable</li> </ul>	Yes
<ul> <li>digital outputs parameterizable</li> </ul>	Yes
number of digital inputs	4
number of sockets	
<ul> <li>for digital output signals</li> </ul>	1
<ul> <li>for digital input signals</li> </ul>	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
<ul> <li>supply voltage 1 at DC rated value</li> <li>minimum permissible</li> <li>maximum permissible</li> </ul>	30 V
• minimum permissible	30 V 26.5 V
<ul> <li>supply voltage 1 at DC rated value</li> <li>minimum permissible</li> <li>maximum permissible</li> </ul>	30 V 26.5 V
supply voltage 1 at DC rated value <ul> <li>minimum permissible</li> <li>maximum permissible</li> </ul> <li>Control circuit/ Control</li>	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
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
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	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	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	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 100 mA 600 mA
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 1.9872 W 2.2176 W 25 ms
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         OFF-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 1.9872 W 2.2176 W 25 ms 35 ms
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 1.9872 W 2.2176 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 1.9872 W 2.2176 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 1.9872 W 2.2176 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         1.9872 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
supply voltage 1 at DC rated value <ul> <li>minimum permissible</li> <li>maximum permissible</li> </ul> <li>Control circuit/ Control <ul> <li>type of voltage of the control supply voltage</li> <li>control supply voltage at DC rated value</li> <li>control supply voltage 1 <ul> <li>at DC rated value</li> <li>at DC rated value</li> <li>at DC</li> </ul> </li> <li>control current at DC <ul> <li>in standby mode of operation</li> <li>during operation</li> </ul> </li> <li>power loss [W] in auxiliary and control circuit <ul> <li>in switching state OFF with bypass circuit</li> <li>in switching state OFF with bypass circuit</li> <li>e in switching state ON with bypass circuit</li> <li>oFF-delay time</li> </ul> </li> <li>OFF-delay time</li> <li>mounting position <ul> <li>recommended</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> </ul></li>	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 <ul> <li>minimum permissible</li> <li>maximum permissible</li> </ul> <li>Control circuit/ Control <ul> <li>type of voltage of the control supply voltage</li> <li>control supply voltage at DC rated value</li> <li>control supply voltage 1 <ul> <li>at DC rated value</li> <li>at DC rated value</li> <li>at DC</li> </ul> </li> <li>control current at DC <ul> <li>in standby mode of operation</li> <li>during operation</li> </ul> </li> <li>power loss [W] in auxiliary and control circuit <ul> <li>in switching state OFF with bypass circuit</li> <li>in switching state ON with bypass circuit</li> <li>recommended</li> </ul> </li> <li>oFF-delay time <ul> <li>oFF-delay time</li> <li>mounting position</li> <li>recommended</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> </ul></li>	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         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 OFF with bypass circuit • in switching state ON with bypass circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit • in stallation 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         2.2176 W         225 ms         35 ms         vertical, horizontal, flat         horizontal         screw fixing         215 mm         294 mm
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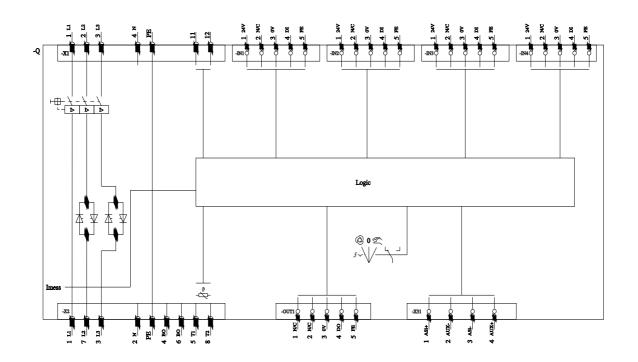
<ul> <li>during storage</li> <li>40 +70 °C</li> <li>41 +70 °C</li> <li>42 +70 °C</li> <li>43 +70 °C</li> <li>44 +70 °C</li> <li>44 +70 °C</li> <li>45 +70 °C</li> <li>46 +70 °C</li> <li>47 +70 °C</li> <li>47</li></ul>	
relative humidity during operation       10 95 %         protocol is supported       No         • PROFIBUS DP protocol       No         design of the interface       No         • AS-Interface protocol       Yes         • PROFINET protocol       No         • PROFINET protocol       No         • PROFINET protocol       No         • PROFINET protocol       No         • PROFISUS DP protocol       No         product function bus communication       Yes         product function control circuit interface protocol       Yes         product function control circuit interface with 10 link       No         type of electrical connection       Yes         • for main current circuit       plug according to ISO 23570, HAN Q4/2         • for main current circuit       plug according to ISO 23570, HAN Q4/2         • for main current circuit       plug according to ISO 23570, HAN Q4/2         • for digital input signals       M12 socket         • 1 for digital input signals       M12 socket	
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• 2 for digital input signalsM12 socket• 3 for digital input signalsM12 socket• 4 for digital input signalsM12 sockettype of electrical connectionM12 socket• at the manufacturer-specific device interfaceoptical interface• for device addressingM12 plug• for supply voltage line-sideM12 plugfull-load current (FLA) for 3-phase AC motor at 480 V rated value1.6 A	
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• 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     1.6 A	
type of electrical connection     optical interface       • 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     1.6 A	
• 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     1.6 A	
• 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     1.6 A	
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

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