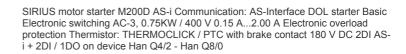
## **SIEMENS**

## **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
<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
reverse starting	No
product component motor brake output	Yes
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>	Yes
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	
<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	2 kV network connection / 1 kV control connection

a due to conductor conth curre according to IFC C1000 4.5	014/
due to conductor-earth surge according to IEC 61000-4-5      due to conductor conductor surge according to IEC.	2 kV
<ul> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> </ul>	1 kV
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-	0.15 2 A
dependent overload release	0.10 271
type of the motor protection	full motor protection
operating voltage rated value	200 440 V
operational current	
<ul> <li>at AC at 400 V rated value</li> </ul>	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	
<ul> <li>digital inputs parameterizable</li> </ul>	No
digital outputs parameterizable	No
number of digital inputs	4
number of sockets	
<ul> <li>for digital output signals</li> </ul>	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 rated value	30 V
<ul> <li>minimum permissible</li> </ul>	26.5 V
maximum permissible	31.6 V
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage at DC rated value	20.4 28.8 V
control supply voltage 1	
at DC rated value	24 V
at DC rated value	20.4 28.8 V
• at DC	20.4 28.8 V
control current at DC	
<ul> <li>in standby mode of operation</li> </ul>	100 mA
during operation	600 mA
power loss [W] in auxiliary and control circuit	
<ul> <li>in switching state OFF with bypass circuit</li> </ul>	1.9584 W
in switching state ON with bypass circuit	2.1888 W
Response times	
ON-delay time	25 ms
OFF-delay time	35 ms
mounting position	vertical, horizontal, flat
• recommended	horizontal
fastening method	screw fixing
height	215 mm
width	
	294 mm
depth	294 mm 159 mm
depth Ambient conditions	
•	
Ambient conditions	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	
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
<ul> <li>4 for digital input signals</li> </ul>	M12 socket
type of electrical connection	
• at the manufacturer-specific device interface	optical interface
<ul> <li>for device addressing</li> </ul>	M12 plug
<ul> <li>for supply voltage line-side</li> </ul>	M12 plug
full-load current (FLA) for 3-phase AC motor at 480 V rated value	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 rated value	480 V
Certificates/ approvals	

**General Product Approval** 

**EMC** 



Confirmation









**Declaration of Conformity** 

**Test Certificates** 

other





Type Test Certificates/Test Report



Confirmation

## 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

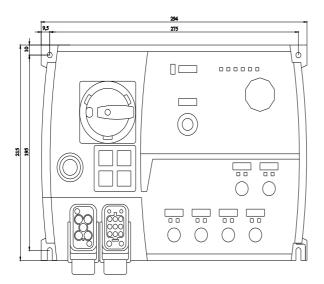
Industry Mall (Online ordering system)

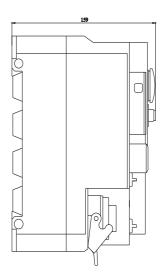
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1315-6KS71-0AA5

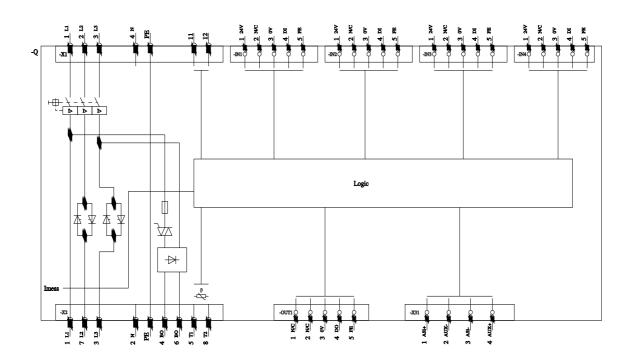
Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RK1315-6KS71-0AA5}\\$ 

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







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