



SIRIUS motor starter M200D Technology module Reversing starter
Electronic switching AC-3, 0.75KW / 400 V 0.15 A...2.00 A Electronic
overload protection Thermistor: THERMOCLICK / PTC with brake contact
180 V DC 4 DI / 2 DO Han Q4/2 - Han Q8/0 via communication module
3RK1305* can be used on PROFIBUS or PROFINET

product brand name	SIRIUS
product designation	Motor starters
design of the product	reversing starter
product type designation	M200D
trip class	CLASS 5, 10, 15, 20
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 safe isolation	
• between main and auxiliary circuit	400 V
• between control and auxiliary circuit	24 V
protection class IP	IP65
shock resistance	12g / 11 ms
vibration resistance	7 mm / 2g
type of assignment	1
certificate of suitability	CE
Substance Prohibitance (Date)	01.07.2006 00:00:00
product function	
• direct start	No
• reverse starting	Yes
product component motor brake output	Yes
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	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
breaking capacity maximum short-circuit current (Icu)	
• at 400 V rated value	50 000 A
• at 500 V rated value	20 000 A
EMC emitted interference acc. to IEC 60947-1	CISPR11, ambience A (group 2)
EMC immunity acc. to IEC 60947-1	corresponds to degree of severity 3, ambience A (industrial sector)

conducted interference	
• due to burst acc. to IEC 61000-4-4 • due to conductor-earth surge acc. to IEC 61000-4-5 • due to conductor-conductor surge acc. to IEC 61000-4-5	2 kV network connection / 1 kV control connection 2 kV 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-dependent overload release	0.15 ... 2 A
type of the motor protection	full motor protection
operating voltage rated value	360 ... 440 V
operational current	
• at AC at 400 V rated value • at AC-3 at 400 V rated value	2 A 2 A
operating power at AC-3	
• at 400 V rated value • at 500 V rated value	0.75 kW 750 W
product function	
• digital inputs parameterizable • digital outputs parameterizable	Yes Yes
number of digital inputs	4
number of sockets	
• for digital output signals • for digital input signals	2 4
number of digital outputs	2
Supply voltage	
type of voltage of the supply voltage	DC
supply voltage 1 at DC	24 V
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage 1	
• at DC rated value • at DC	20.4 ... 28.8 V 20.4 ... 28.8 V
control current at DC	
• in standby mode of operation • during operation	100 mA 600 mA
power loss [W] in auxiliary and control circuit	
• in switching state OFF with bypass circuit • in switching state ON with bypass circuit	2.7936 W 7.92 W
Response times	
switch 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	148 mm
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
• during operation • during storage • during transport	-25 ... +55 °C -40 ... +70 °C -40 ... +70 °C
relative humidity during operation	10 ... 95 %
protocol is supported	

• PROFIBUS DP protocol • PROFINET protocol	No
design of the interface	No
• AS-Interface protocol • PROFINET protocol • PROFIBUS DP protocol	No
product function bus communication	Yes
protocol is supported AS-Interface protocol	No
product function control circuit interface with IO link	No
type of electrical connection	plug according to ISO 23570, HAN Q4/2 connector
• for main current circuit • for auxiliary and control circuit	
type of electrical connection	M12 socket
• 1 for digital input signals • 1 for digital output signals • 2 for digital input signals • 3 for digital input signals • 4 for digital input signals	M12 socket
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 acc. to CSA and UL rated value	600 V

Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity
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Declaration of Conformity	Test Certificates	other
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[Confirmation](#)



Further information

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=3RK1395-6KS71-1AD5>

Cax online generator

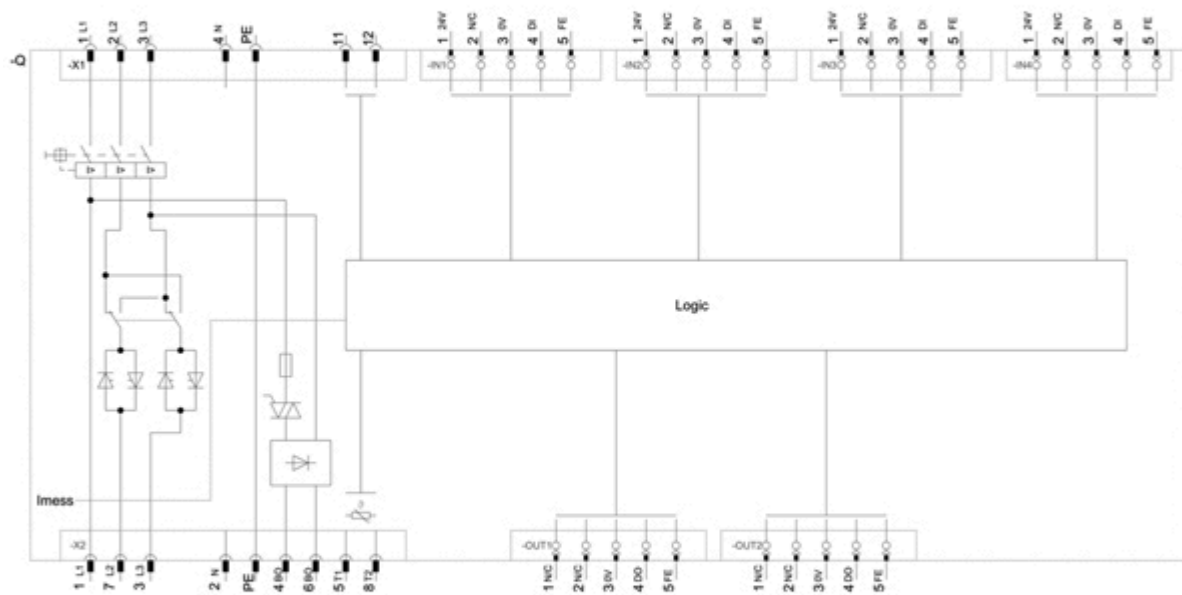
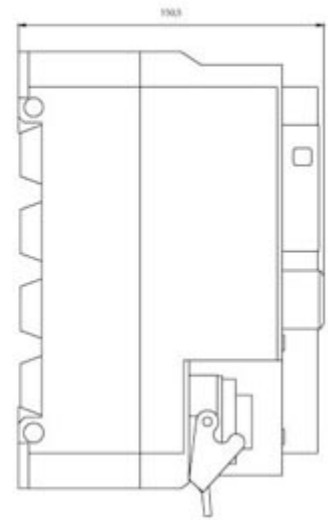
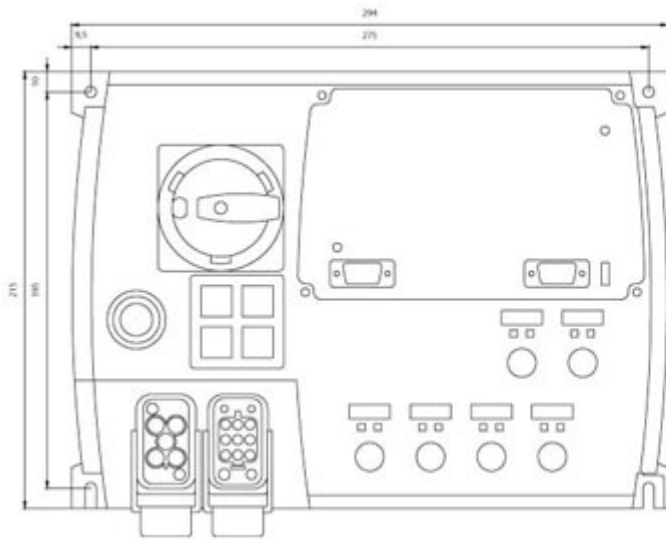
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1395-6KS71-1AD5>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1395-6KS71-1AD5>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1395-6KS71-1AD5&lang=en



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