

SIRIUS motor starter M200D Technology module DOL starter  
 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 / 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	direct starter
Product type designation	M200D
Product function	
• on-site operation	No
• Control circuit interface to parallel wiring	No
Power loss [W] typical	30 W
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
Type of assignment	1
Certificate of suitability	CE
Reference code acc. to DIN EN 61346-2	Q
Product function	

<ul style="list-style-type: none"> <li>• direct start</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• reverse starting</li> </ul>	No
<b>Product component Motor brake output</b>	No
<b>Product feature</b>	
<ul style="list-style-type: none"> <li>• brake control with 230 V AC</li> </ul>	No
<ul style="list-style-type: none"> <li>• brake control with 400 V AC</li> </ul>	No
<ul style="list-style-type: none"> <li>• brake control with 24 V DC</li> </ul>	No
<ul style="list-style-type: none"> <li>• brake control with 180 V DC</li> </ul>	No
<ul style="list-style-type: none"> <li>• brake control with 500 V DC</li> </ul>	No
<b>Product extension braking module for brake control</b>	No
<b>Product function Short circuit protection</b>	Yes
<b>Design of short-circuit protection</b>	circuit-breakers
<b>Trip class</b>	CLASS 5, 10, 15, 20
<b>Maximum short-circuit current breaking capacity (Icu)</b>	
<ul style="list-style-type: none"> <li>• at 400 V rated value</li> </ul>	50 000 A
<ul style="list-style-type: none"> <li>• at 500 V rated value</li> </ul>	20 000 A
EMC emitted interference acc. to IEC 60947-1	CISPR11, ambience A (group 2)
<b>EMI immunity acc. to IEC 60947-1</b>	corresponds to degree of severity 3, ambience A (industrial sector)
<b>Conducted interference</b>	
<ul style="list-style-type: none"> <li>• due to burst acc. to IEC 61000-4-4</li> </ul>	2 kV network connection / 1 kV control connection
<ul style="list-style-type: none"> <li>• due to conductor-earth surge acc. to IEC 61000-4-5</li> </ul>	2 kV
<ul style="list-style-type: none"> <li>• due to conductor-conductor surge acc. to IEC 61000-4-5</li> </ul>	1 kV
<b>Protection against electrical shock</b>	finger-safe

Main circuit	
<b>Number of poles for main current circuit</b>	3
<b>Design of the switching contact</b>	solid-state / thyristor / 2 phases
<b>Adjustable pick-up value current of the current-dependent overload release</b>	0.15 ... 2 A
<b>Type of the motor protection</b>	full motor protection
Operating voltage rated value	360 ... 440 V
<b>Operating current</b>	
<ul style="list-style-type: none"> <li>• at AC at 400 V rated value</li> </ul>	2 A
<ul style="list-style-type: none"> <li>• at AC-3 at 400 V rated value</li> </ul>	2 A
Operating power at AC-3	
<ul style="list-style-type: none"> <li>• at 400 V rated value</li> </ul>	0.75 kW
<ul style="list-style-type: none"> <li>• at 500 V rated value</li> </ul>	750 W
<b>Product function</b>	
<ul style="list-style-type: none"> <li>• digital inputs parameterizable</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• digital outputs parameterizable</li> </ul>	Yes
<b>Number of digital inputs</b>	4

<b>Number of sockets</b>	
• for digital output signals	2
• for digital input signals	4
<b>Number of digital outputs</b>	2

### Supply voltage

<b>Type of voltage of the supply voltage</b>	DC
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### Control circuit/ Control

<b>Type of voltage of the control supply voltage</b>	DC
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<b>Control supply voltage 1</b>	
• at DC rated value	20.4 ... 28.8 V
• at DC	20.4 ... 28.8 V

<b>Power loss [W] in auxiliary and control circuit</b>	
• in switching state OFF with bypass circuit	2.7936 W
• in switching state ON with bypass circuit	3.2256 W

### Response times

<b>Switch-on delay time</b>	25 ms
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<b>Off-delay time</b>	35 ms
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<b>Mounting position</b>	vertical, horizontal, flat
• recommended	horizontal

<b>Mounting type</b>	screw fixing
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<b>Height</b>	215 mm
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<b>Width</b>	294 mm
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<b>Depth</b>	148 mm
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Installation altitude at height above sea level maximum	2 000 m
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Relative humidity during operation	10 ... 95 %
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<b>Protocol is supported</b>	
• PROFIBUS DP protocol	No
• PROFINET protocol	No

<b>Design of the interface</b>	
• AS-Interface protocol	No
• PROFINET protocol	No
• PROFIBUS DP protocol	No

<b>Product function Bus communication</b>	Yes
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Protocol is supported AS-Interface protocol	No
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Product function Control circuit interface with IO link	No
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<b>Type of electrical connection</b>	
• for main current circuit	plug according to ISO 23570, HAN Q4/2
• for auxiliary and control current circuit	connector

<b>Type of electrical connection</b>	
• 1 for digital input signals	M12 socket

- 1 for digital output signals
- 2 for digital input signals
- 3 for digital input signals
- 4 for digital input signals

M12 socket  
M12 socket  
M12 socket  
M12 socket

### Certificates/ approvals

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

[Type Test Certificates/Test Report](#)

[Confirmation](#)



Profibus

### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1395-6KS71-0AD0>

**Cax online generator**

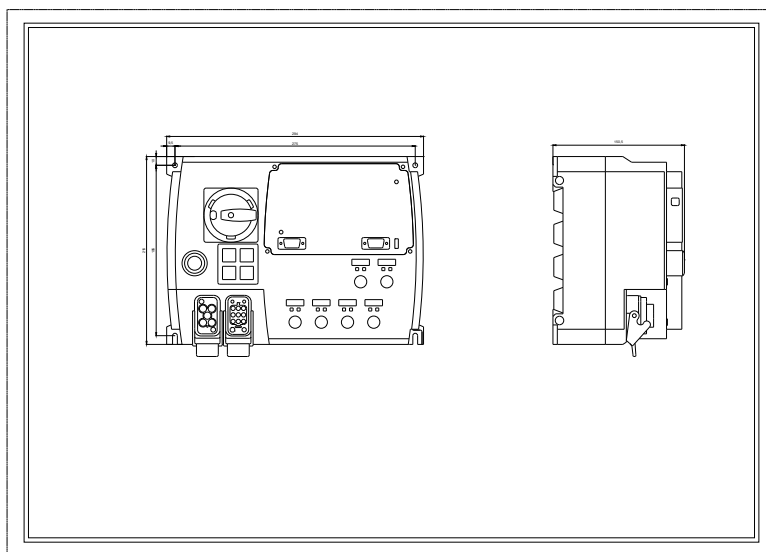
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1395-6KS71-0AD0>

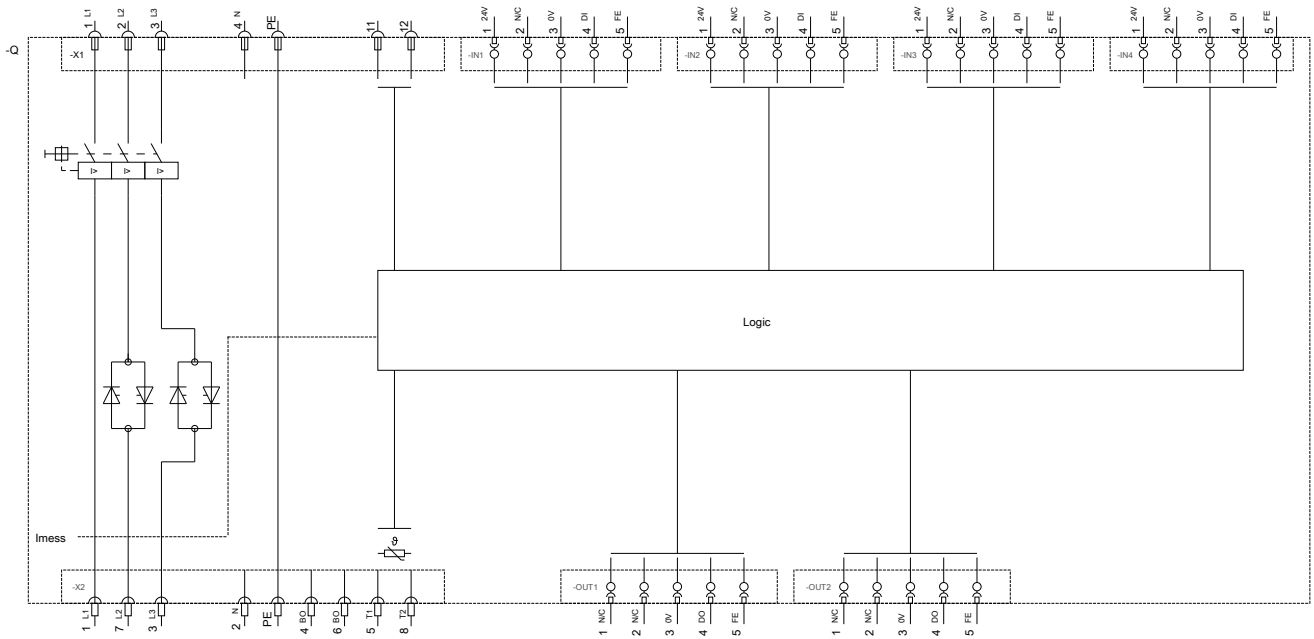
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1395-6KS71-0AD0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1395-6KS71-0AD0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1395-6KS71-0AD0&lang=en)





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