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Data sheet 3RK1395-6LS41-3AD5

SIRIUS motor starter M200D Technology module Reversing starter Mechanical switching AC-3, 5.5 kW / 400 V 1.5 A...12.00 A Electronic overload protection Thermistor: THERMOCLICK / PTC with brake contact 180 V DC 4 DI / 2 DO Han Q4/2 - Han Q8/0 with manual on-site operation and key-operated switch 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	Yes
• 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
Mechanical service life (switching cycles) of the main contacts typical	10 000 000

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Type of assignment	1
Certificate of suitability	CE
Reference code acc. to DIN EN 61346-2	Q
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
Maximum short-circuit current breaking capacity (Icu)	
• at 400 V rated value	50 000 A
• at 500 V rated value	50 000 A
EMC emitted interference acc. to IEC 60947-1	CISPR11, ambience A (industrial sector)
EMI 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	2 kV network connection / 1 kV control connection
• due to conductor-earth surge acc. to IEC 61000-4-5	2 kV
• due to conductor-conductor surge acc. to IEC 61000-4-5	1 kV
Protection against electrical shock	finger-safe

Main circuit	
Number of poles for main current circuit	3
Design of the switching contact	electromechanical
Adjustable pick-up value current of the current-dependent overload release	1.5 ... 12 A
Type of the motor protection	full motor protection
Operating voltage rated value	360 ... 440 V
Operating current	
• at AC at 400 V rated value	12 A
• at AC-3 at 400 V rated value	12 A
Operating power at AC-3	
• at 400 V rated value	5.5 kW
• at 500 V rated value	5 500 W
Product function	

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• digital inputs parameterizable	Yes
• digital outputs parameterizable	Yes
Number of digital inputs	4
Number of sockets	
• for digital output signals	2
• for digital input signals	4
Number of digital outputs	2

Supply voltage

Type of voltage of the supply voltage	DC

Control circuit/ Control

Type of voltage of the control supply voltage	DC
Control supply voltage 1	
• at DC rated value	20.4 ... 28.8 V
• at DC	20.4 ... 28.8 V
Power loss [W] in auxiliary and control circuit	
• in switching state OFF with bypass circuit	1.9584 W
• in switching state ON with bypass circuit	5.04 W

Response times

Switch-on delay time	85 ms
Off-delay time	65 ms
Mounting position	vertical, horizontal, flat
• recommended	horizontal
Mounting type	screw fixing
Height	215 mm
Width	294 mm
Depth	148 mm
Installation altitude at height above sea level maximum	2 000 m
Ambient temperature	
• during operation	-25 ... +55 °C
• 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	No
• PROFINET protocol	No
• PROFIBUS DP protocol	No
Product function Bus communication	Yes

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Protocol is supported AS-Interface protocol	No
Product function Control circuit interface with IO link	No
Type of electrical connection	
• for main current circuit	plug according to ISO 23570, HAN Q4/2
• for auxiliary and control current 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
• 4 for digital input signals	M12 socket

Certificates/ approvals

General Product Approval				EMC	Declaration of Conformity
CCC	CSA	UL		RCM	EG-Konf.

Declaration of Conformity	Test Certificates	other
Miscellaneous	Type Test Certificates/Test Report	Confirmation
		Profibus

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
www.siemens.com/ic10

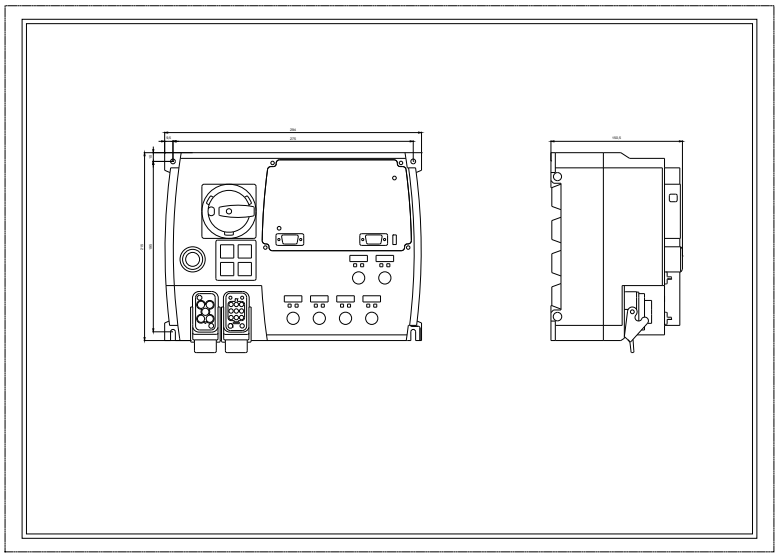
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1395-6LS41-3AD5

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1395-6LS41-3AD5

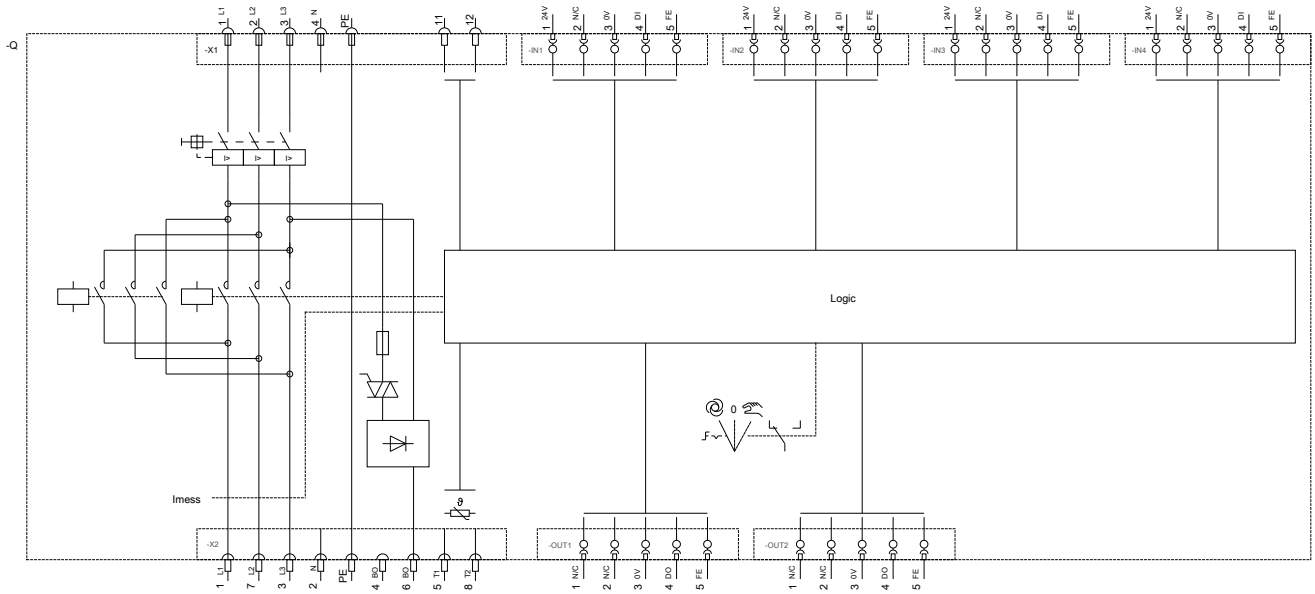
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK1395-6LS41-3AD5

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1395-6LS41-3AD5&lang=en

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