SIEMENS

Data sheet 3RK1325-6LS41-2AA5

Figure similar

SIRIUS MOTOR STARTER M200D AS-I COMMUNICATION: AS-INTERFACE DIRECT ON-LINE STARTER STANDARD MECHANICAL SWITCHING 3 400V AC/5,5KW; 1,5A...12,00A; ELECTRONIC OVERLOAD PROTECTION; THERMISTOR: THERMOCLICK / PTC WITH BRAKE CONTACT 180V DC 4DI / 1DO AS-I HAN Q4/2 - HAN Q8/0 WITH OPERATOR TERMINAL AND KEY-OPERATED SWITCH

General technical data:		
product brand name		SIRIUS
Product designation		motor starter M200D, AS-i Standard
Design of the product		direct starter
Product function		
• direct start		Yes
• reverse starting		No
• Short circuit protection		Yes
• Bus communication		Yes
Design of the switching contact		electromechanical
Product component Motor brake output		Yes
Trip class		CLASS 5, 10, 15, 20
Type of assignment		1
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 expansion braking module for brake control		No
Surge voltage resistance Rated value	V	6 000
Switch-on delay time	ms	85
OFF-delay time	ms	65
Insulation voltage Rated value	V	500
Active power loss typical	W	30

maximum permissible voltage for safe isolation		
• between main and auxiliary circuit	V	400
• between control and auxiliary circuit	V	24
Equipment marking acc. to DIN EN 61346-2		Q
Mounting type		screw fixing
Width	mm	294
Height	mm	215
Depth	mm	159

Main circuit:		
Operating voltage Rated value	V	360 ... 440
Adjustable response value current of the current-dependent overload release	A	1.5 ... 12
Operating current at AC-3 at 400 V Rated value	A	12
Operating power for three-phase motors at 400 V at 50 Hz	kW	0.55 ... 5.5
Operating power at AC-3		
• at 400 V Rated value	kW	5.5
• at 500 V Rated value	W	5 500
Number of poles for main current circuit		3
Design of short-circuit protection		circuit-breakers
Maximum short-circuit current breaking capacity (Icu)		
• at 400 V Rated value	A	50 000
• at 500 V Rated value	A	50 000
Type of the motor protection		full motor protection

Control circuit/ Control:		
Type of voltage of the control supply voltage		DC
Control supply voltage 1 for DC Rated value	V	24
• minimum permissible	V	20.4
• maximum permissible	V	28.8
Type of electrical connection for auxiliary and control current circuit		connector

Supply voltage:		
Type of voltage of the supply voltage		DC
Supply voltage 1 for DC Rated value		
• maximum permissible	V	31.6
• minimum permissible	V	26.5
Type of electrical connection for supply voltage infeed		M12 plug

Ambient conditions:		
Protection class IP		IP65
Ambient temperature		
• during storage	°C	-40 ... +70

• during operation	°C	-25 ... +55
• during transport	°C	-40 ... +70
Relative humidity during operation	%	10 ... 95
Vibration resistance		7 mm / 2g
Shock resistance		12g / 11 ms
Degree of pollution		3
Installation altitude at height above sea level maximum	m	2 000
mounting position		vertical, horizontal, flat
mounting position recommended		horizontal

Communication/ Protocol:		
Design of the interface AS-interface protocol		Yes
Protocol is supported AS-interface protocol		Yes
Design of the interface PROFIBUS DP protocol		No
Protocol is supported PROFIBUS DP protocol		No
Product function		
• Control circuit interface with IO link		No
• Control circuit interface to parallel wiring		No
Design of the interface PROFINET protocol		No
Protocol is supported PROFINET protocol		No
Type of electrical connection of the communication interface		M12 plug

Connections/ Terminals:		
Number of digital inputs		4
Number of digital outputs		1
Number of sockets		
• for digital input signals		4
• for digital output signals		1
Product function		
• digital inputs parameterizable		Yes
• digital outputs parameterizable		Yes
Type of electrical connection		
• 1		
— for digital input signals		M12 socket
— 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
Type of electrical connection		
• at the manufacturer-specific device interface		optical interface
• for device addressing		M12 plug
Product function on-site operation		Yes

Electromagnetic compatibility:		
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
Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5		2 kV
Conducted interference due to conductor-conductor surge acc. to IEC 61000-4-5		1 kV
EMC emitted interference acc. to IEC 60947-1		CISPR11, ambience A (industrial sector)
Certificate of suitability		CE
Protection against electrical shock		finger-safe

Certificates/ approvals:

General Product Approval					Declaration of Conformity
CCC	CSA	GOST	UL	EAC	EG-Konf.

Test Certificates	other	
Type Test Certificates/Test Report	ASi	Environmental Confirmations

Further information

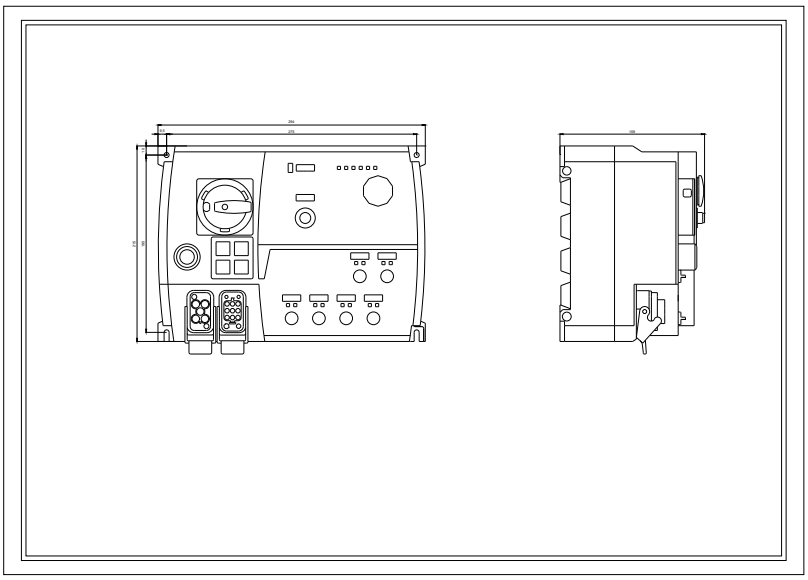
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

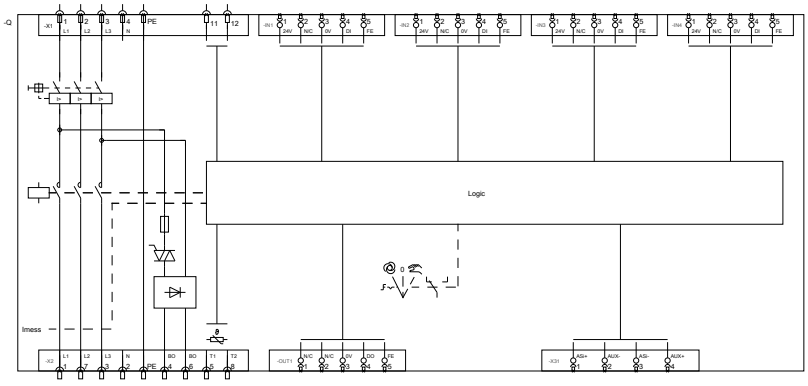
Industry Mall (Online ordering system)
http://www.siemens.com/industrymall

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK13256LS412AA5

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RK13256LS412AA5/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK13256LS412AA5&lang=en





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