SIEMENS

Product data sheet 3RK1395-6LS71-1AD0

SIRIUS MOTOR STARTER M200D TECHNOLOGY MODULE REVERSING STARTER ELECTRONICAL SWITCHING 3 400V AC/5,5KW;
1,5A...12,00A;
ELECTR. OVERLOAD PROTECTION;
THERMISTOR: THERMOCLICK / PTC WITHOUT BRAKE CONTACT 4DI / 2DO HAN Q4/2 - HAN Q8/0 USING A COMMUNICATIONS MODULE 3RK1305* USABLE WITH PROFIBUS OR PROFINET

General technical data:		
product brand name		SIRIUS
Product designation		motor starter module M200D
Design of the product		reversing starter
Product function		
• direct start		No
• reverse starting		Yes
• short circuit protection		Yes
• bus-communication		Yes
Design of the switching contact		solid-state / thyristor / 2 phases
Product component / outlet for enine brake		No
Trip class		CLASS 5, 10, 15, 20
Type of assignement		1
Product equipment		
• 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		No
• brake control with 500 V DC		No
Product extension / braking module for brake control		No

Impulse voltage resistance / rated value	V	6,000
Start-up delay time	ms	25
Switch-off delay time	ms	35
Insulation voltage / rated value	V	500
Active power loss / typical	W	30
Maximum permissible voltage for safe disconnection		
• between main circuit and auxiliary circuit	V	400
• between control and auxiliary circuit	V	24
Reference code		
• according to DIN EN 61346-2		Q
Mounting type		screw fixing
Width	mm	294
Height	mm	215
Depth	mm	148

Main circuit:

Operating voltage		
• rated value	V	360 … 440
Adjustable response current		
• of the current-dependent overload release	A	1.5 … 12
Operating current / at AC-3 / at 400 V		
• rated value	A	12
Service power / for three-phase servomotors / at 400 V / at 50 Hz		
• minimum	kW	0.55 … 5.5
Service 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 the short-circuit protection		circuit-breakers
Breaking capacity limit short-circuit current (Icu)		
• at 400 V / rated value	A	50,000
• at 500 V / rated value	A	20,000
Type of the motor protection		full motor protection

Control circuit:

Voltage type / of control feed voltage		DC
Control supply voltage / 1 / for DC / rated value / permissible minimum	V	20.4
Control supply voltage / 1 / for DC / rated value / permissible maximum	V	28.8

Design of the electrical connection / for auxiliary and control current circuit		connector
Supply voltage:		
Type of / supply voltage		DC
Ambient conditions:		
Protection class IP		IP65
Ambient temperature		
• during storage	°C	-40 … +70
• during operating	°C	-25 … +55
• during transport	°C	-40 … +70
Relative humidity		
• during operating phase	%	10 … 95
Resistance against vibration		7 mm / 2g
Resistance against shock		12g / 11 ms
Degree of pollution		3
Installation altitude / at a height over sea level / maximum	m	2,000
mounting position		vertical, horizontal, flat
mounting position / recommended		horizontal
Communication:		
Design of the interface		
• AS interface protocol		No
Protocol / is supported		
• AS interface protocol		No
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
Connections:		
Number of digital inputs		4
Number of digital outputs		2
Number of sockets		

• for digital input signals		4
• for digital output signals		2
Product function		
• digital inputs parameterizable		Yes
• digital outputs parameterizable		Yes
Design of the electrical connection		
• 1 / for digital input signals		M12 socket
• 2 / for digital input signals		M12 socket
• 3 / for digital input signals		M12 socket
• 4 / for digital input signals		M12 socket
• 1 / for digital output signals		M12 socket
Product function / on-site operation		No

EMC:

EMC immunity to interference / according to IEC 60947-1		corresponds to degree of severity 3, ambience A (industrial sector)
Conductor-bound parasitic coupling BURST / according to IEC 61000-4-4		2 kV network connection / 1 kV control connection
Conductor-bound parasitic coupling conductor-earth SURGE / according to IEC 61000-4-5		2 kV
Conductor-bound parasitic coupling conductor-conductor SURGE / according to IEC 61000-4-5		1 kV
EMC emitted interference / according to IEC 60947-1		CISPR11, ambience A (group 2)
Verification of suitability		CE
Protection against electrical shock		finger-safe

Certificates/approvals:

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

Test Certificates	**other**	
Type Test Certificates/Test Report	Profibus	Environmental Confirmations

Further information:

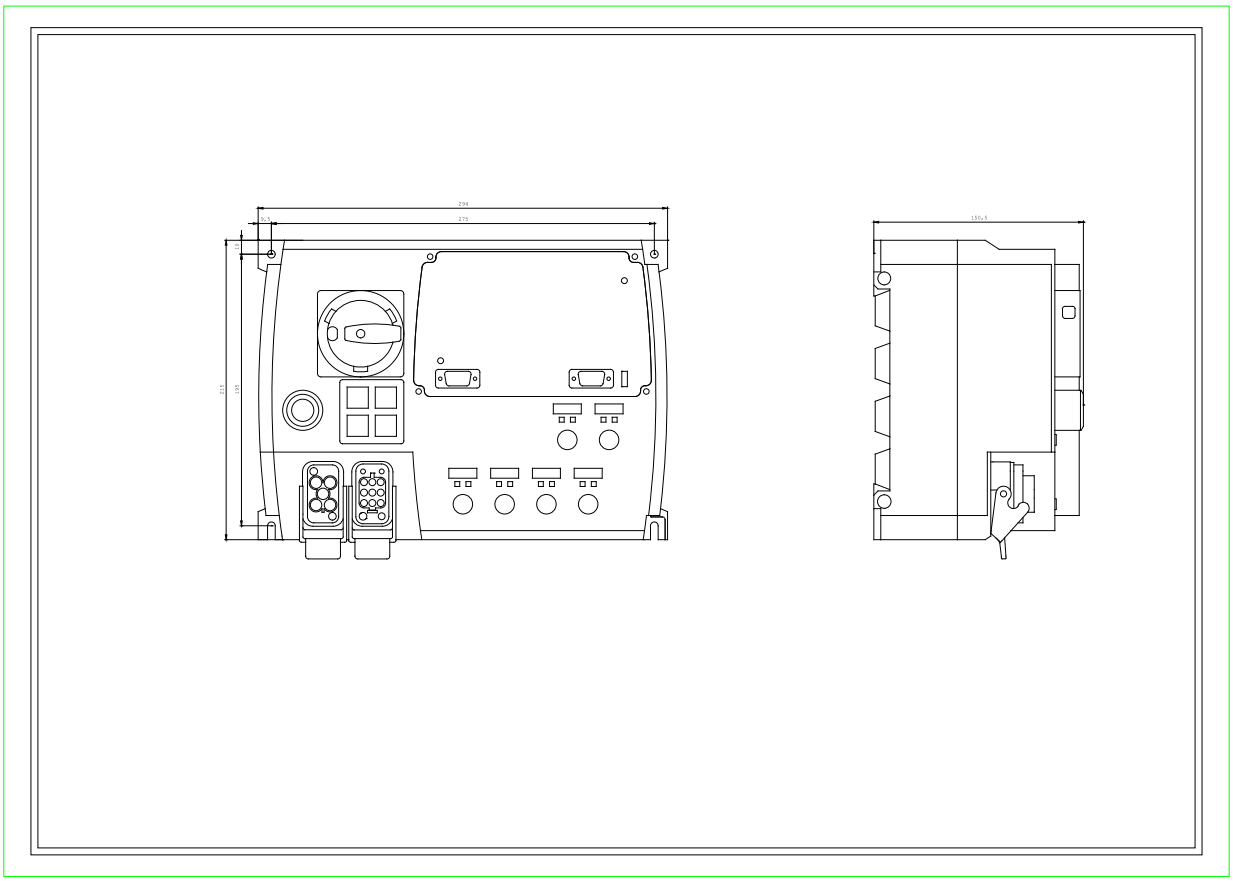
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

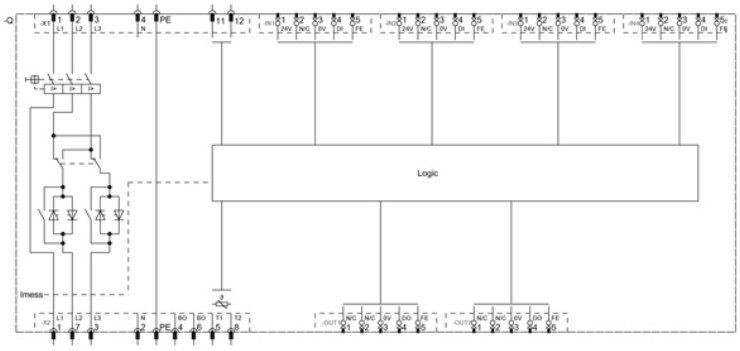
Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

CAx-Online-Generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RK1395-6LS71-1AD0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1395-6LS71-1AD0





last change: Jun 16, 2014