SIEMENS

Product data sheet 3RK1305-0AS01-0AA0

SIRIUS MOTOR STARTER M200D COMMUNICATIONS MODULE PROFIBUS DP REMOVABLE BUS INTERFACE 2 X M12 WITH LOOPING POWER CONNECTION 24V 2 X 7/8" WITH LOOPING INTEGR. BUS TERMINATOR RESISTOR USING A TECHNOLOGY MODULE 3RK1395* USABLE AS MOTOR STARTER M200D WITH COMM.

General technical data:		
product brand name		SIRIUS
Product designation		communication module M200D for PROFIBUS
Design of the product		communication module
Product function / bus-communication		Yes
Impulse voltage resistance / rated value	V	800
Insulation voltage / rated value	V	30
Active power loss / typical	W	1
Reference code		
• according to DIN EN 61346-2		Q
Mounting type		screw fixing
Width	mm	174
Height	mm	139
Depth	mm	32

Control circuit:		
Voltage type / of control feed voltage		DC
Control supply voltage / 1		
• for DC / rated value	V	24

Supply voltage:

Type of / supply voltage		DC
Supply voltage / 1 / for DC / rated value	V	24
Supply voltage / 1 / for DC / rated value		
• permissible minimum	V	20.4
• permissible maximum	V	28.8

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

Connections:

Design of the electrical connection		
• for communication transmission		M12 socket

• for auxiliary and control current circuit		connector

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 (industrial sector)
Verification of suitability		CE

Certificates/approvals:

General Product Approval				Declaration of Conformity	Test Certificates
CSA		GOST	UL	EG-Konf.	Type Test Certificates/Test Report
other					
Profibus	Environmental Confirmations				

Further information:

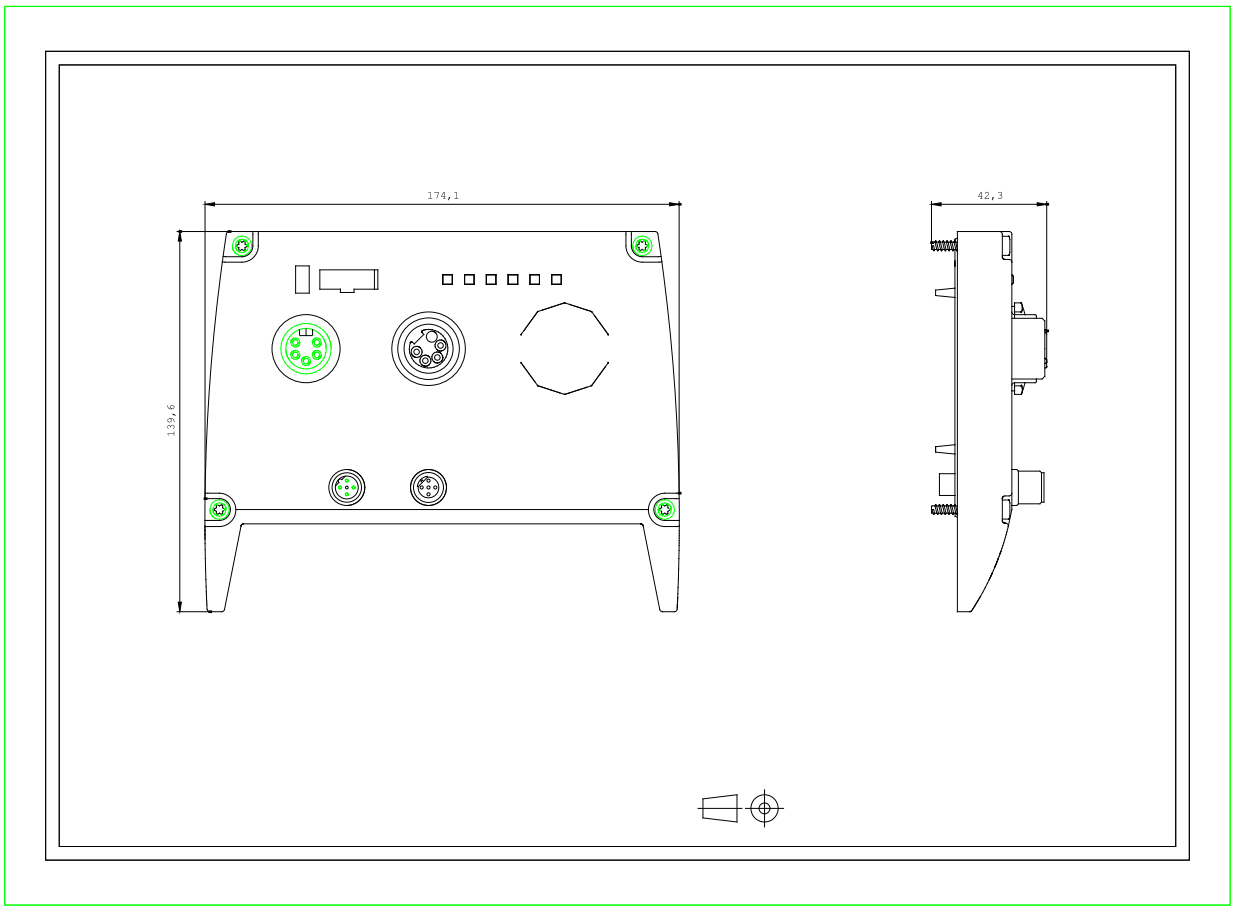
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

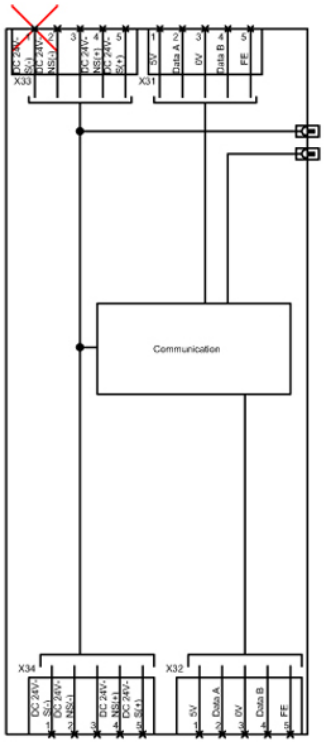
Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

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

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RK1305-0AS01-0AA0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1305-0AS01-0AA0





last change: Jul 28, 2014