SIEMENS

Data sheet 3RK1304-5KS40-3AA3

Figure similar

ET 200PRO RSE HF REVERSING STARTER HIGH FEATURE MECH. SWITCHING; ELECTRO. UE PROTECTION; 3PH 400 V/0.9KW; 0.15A...2.00A BRAKE CONTACT 400 V AC; 4DI 24 V DC; HAN Q4/2 - HAN Q8/0

General technical data:		
product brandname		SIRIUS
Product designation		ET 200pro motor starters
Design of the product		reversing starter
Product function		
• Bus communication		Yes
• direct start		No
• reverse starting		Yes
• on-site operation		Yes
• Short circuit protection		Yes
Design of the switching contact		electromechanical
Product component Motor brake output		Yes
Trip class		CLASS 10
Type of assignment		1
Product feature		
• brake control with 400 V AC		Yes
• brake control with 230 V AC		No

• brake control with 24 V DC		No
• brake control with 180 V DC		No
• brake control with 500 V DC		No
Type of voltage of the supply voltage for brake control required		AC
Supply voltage for brake control required	V	400
Surge voltage resistance rated value	kV	6
maximum permissible voltage for safe isolation between main and auxiliary circuit	V	400
Equipment marking acc. to DIN EN 61346-2		Q
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		A
Mounting type		screw fixing
Depth	mm	150
Height	mm	230
Width	mm	110

Main circuit:

Operating range relative to the operating voltage at AC at 50 Hz	V	200 ... 440
Operating voltage at AC at 60 Hz acc. to CSA and UL rated value	V	600
Adjustable pick-up value current of the current-dependent overload release	A	0.15 ... 2
Operating current at AC-3 at 400 V rated value	A	2
Operating power at AC-3 at 400 V rated value	W	900
Operating power for three-phase motors at 400 V at 50 Hz minimum	W	70
Operating power for three-phase motors at 400 V at 50 Hz maximum	W	900
Maximum short-circuit current breaking capacity (Icu) at 400 V rated value	A	100 000
Design of short-circuit protection		fuse
Number of poles for main current circuit		3
Type of the motor protection		solid-state
Mechanical service life (switching cycles) of the main contacts typical		30 000 000

Control circuit/ Control:

Type of voltage of the control supply voltage		DC
Control supply voltage 1 at DC Final rated value	V	24
Control supply voltage 1 at DC rated value		
• minimum permissible	V	20.4
• maximum permissible	V	28.8

Supply voltage:

Type of voltage of the supply voltage		DC
Supply voltage 1 at DC Final rated value	V	24
Supply voltage 1 at DC rated value		
• minimum permissible	V	20.4
• maximum permissible	V	28.8

Ambient conditions:		
Protection class IP		IP65
Ambient temperature		
• during operation	°C	-25 ... +55
• during storage	°C	-40 ... +70
• during transport	°C	-40 ... +70
Relative humidity during operation	%	5 ... 95
Vibration resistance		2g
Shock resistance		15g / 11 ms
Degree of pollution		3
Installation altitude at height above sea level maximum	m	3 500
Mounting position		vertical, horizontal

Communication/ Protocol:		
Protocol is supported		
• PROFIBUS DP protocol		Yes
• PROFINET protocol		Yes
• AS-interface protocol		No
Design of the interface PROFINET protocol		Yes
Type of electrical connection of the communication interface		via backplane bus

Connections/ Terminals:		
Number of digital inputs		4
Number of sockets		
• for digital input signals		4
• for digital output signals		0
Product function		
• digital inputs parameterizable		Yes
• digital outputs parameterizable		No
Type of 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
Type of electrical connection		
• at the manufacturer-specific device interface		optical interface

• for main energy infeed	socket according to ISO23570
• for load-side outgoing feeder	socket according to ISO23570
• for main energy transmission	socket according to ISO23570
• for supply voltage line-side	via backplane bus
• for supply voltage transmission	via backplane bus
• for main current circuit	tab terminals

Safety related data:

Protection against electrical shock	finger-safe

Certificates/approvals

General Product Approval				Declaration of Conformity	Test Certificates
CCC	CSA	UL	EAC	EG-Konf.	Type Test Certificates/Test Report

other

Environmental Confirmations | Confirmation

Further information

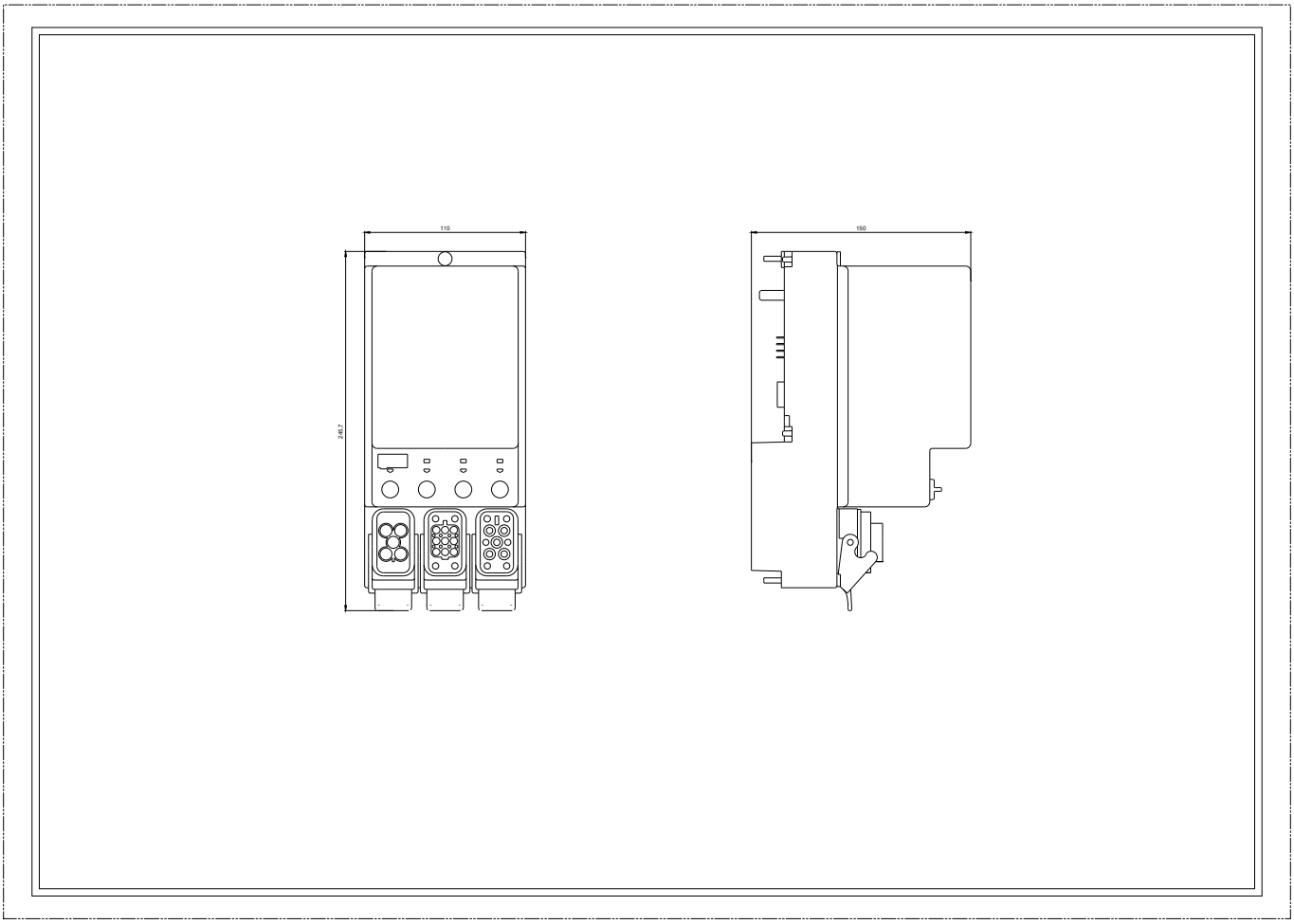
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1304-5KS40-3AA3

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1304-5KS40-3AA3

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK1304-5KS40-3AA3

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1304-5KS40-3AA3&lang=en



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