



ET 200PRO F-RSM SAFETY LOCAL ISOLATOR MODULE; UP TO 16A ISOLATING FUNCTION FOR MAIN CIRCUIT AND SAFETY EVALUATION FUNCTIONS HAN Q4/2

General technical data:

product brand name		SIRIUS
Product designation		ET 200pro motor starters
Design of the product		safety local isolator module
Product function		
• Bus communication		Yes
• on-site operation		Yes
• Short circuit protection		Yes
Product component Motor brake output		No
Type of assignment		1
Product feature		
• brake control with 400 V AC		No
• 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
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	170
Height	mm	230

Width	mm	110
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Main circuit:

Operating voltage Rated value	V	400 ... 500
Adjustable response value current of the current-dependent overload release	A	16 ... 16
Operating current at AC-3 at 400 V Rated value	A	16
Maximum short-circuit current breaking capacity (Icu) at 400 V Rated value	A	50 000
Design of short-circuit protection		circuit-breakers
Number of poles for main current circuit		3

Control circuit/ Control:

Type of voltage of the control supply voltage		DC
Control supply voltage 1 for DC Final rated value	V	24
Control supply voltage 1 for 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 for DC Final rated value	V	24
Supply voltage 1 for 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		any

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
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Connections/ Terminals:

Number of digital inputs	0
Number of sockets	
• for digital input signals	0
• for digital output signals	0
Product function	
• digital inputs parameterizable	No
• 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 infeed	via backplane bus
• for supply voltage transmission	via backplane bus
• for main current circuit	tab terminals

Certificate of suitability

Protection against electrical shock	finger-safe
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Certificates/ approvals:

General Product Approval	Declaration of Conformity
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Test Certificates	other
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[Type Test Certificates/Test Report](#)

[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

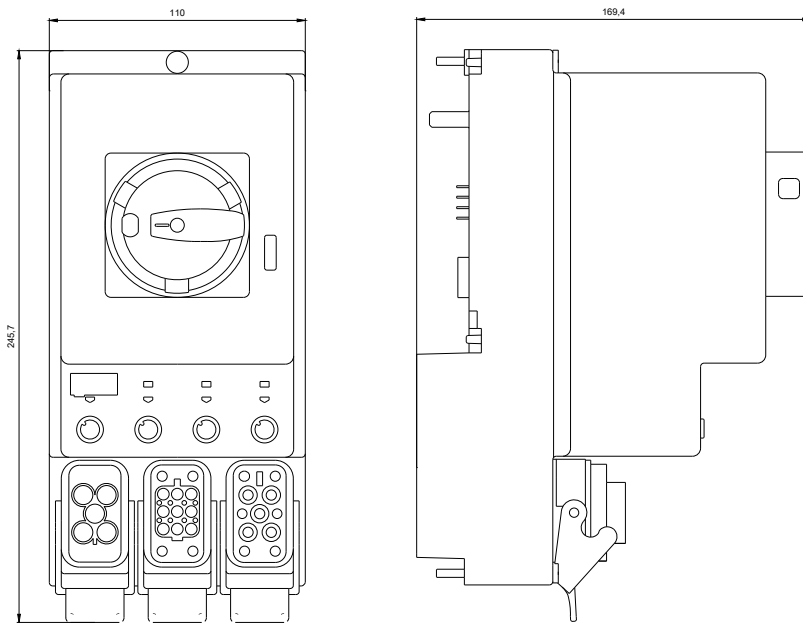
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK13040HS007AA0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RK13040HS007AA0/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK13040HS007AA0&lang=en>



last modified:

09.03.2015