



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 brandname		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

#### 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	16 ... 16
Operating current at AC-3 at 400 V rated value	A	16
Maximum short-circuit current breaking capacity (I <sub>cu</sub> ) 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 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		any

#### Communication/ Protocol:

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

#### Connections/ Terminals:

<b>Number of digital inputs</b>		2
<b>Number of sockets</b>		
• for digital input signals		2
• for digital output signals		0
<b>Product function</b>		
• digital inputs parameterizable		No
• digital outputs parameterizable		No
<b>Type of electrical connection</b>		
• 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
<b>Type of electrical connection</b>		
• 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:

<b>Protection against electrical shock</b>		finger-safe
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#### Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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[Type Examination Certificate](#)



Test Certificates	other
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[Type Test Certificates/Test Report](#)

[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=3RK1304-0HS00-7AA0>

##### Cax online generator

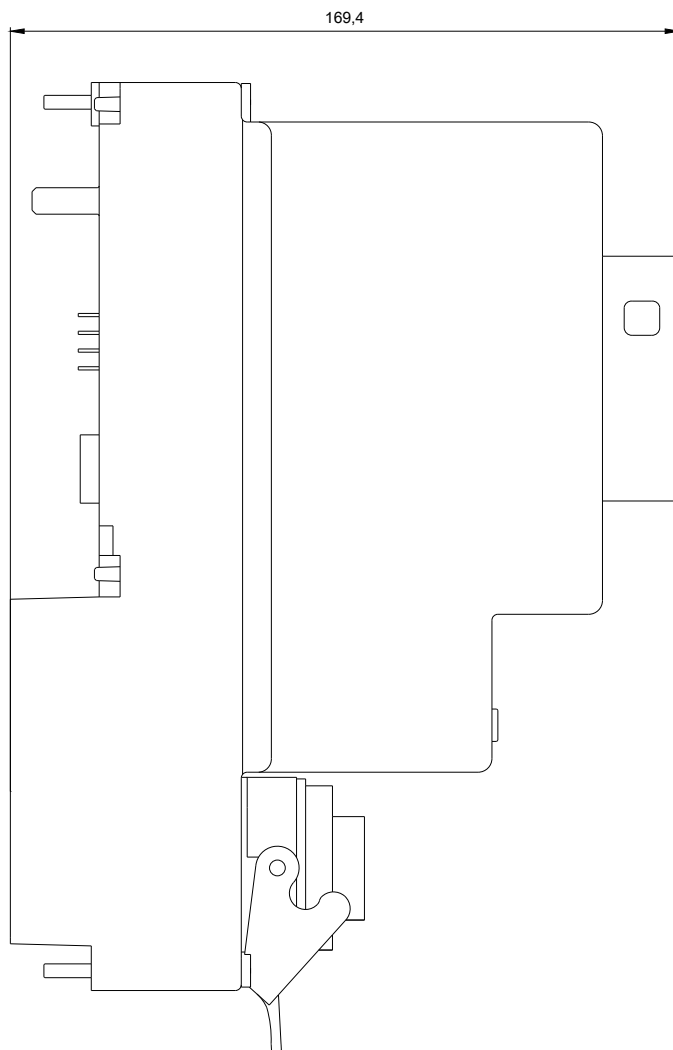
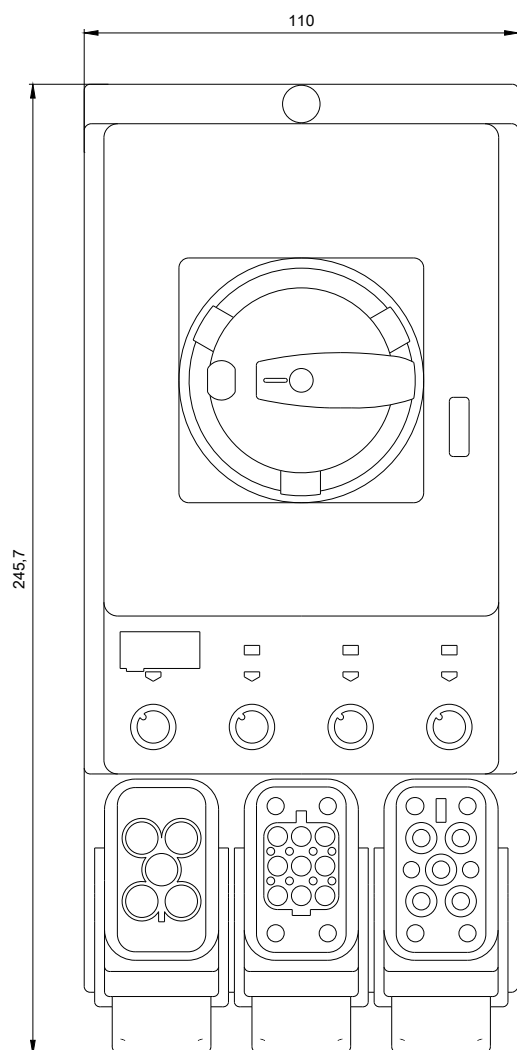
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1304-0HS00-7AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1304-0HS00-7AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1304-0HS00-7AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1304-0HS00-7AA0&lang=en)



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