



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 / outlet for enine brake		No
Type of assignement		1
Product equipment		
• 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
Impulse voltage resistance / rated value	kV	6
Maximum permissible voltage for safe disconnection / between main circuit and auxiliary circuit	V	400
Reference code		

• according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		Q A
Mounting type		screw fixing
Depth	mm	170
Height	mm	230
Width	mm	110
Main circuit:		
Operating voltage • rated value	V	400 ... 500
Adjustable response current • of the current-dependent overload release	A	16 ... 16
Operating current / at AC-3 / at 400 V / rated value	A	16
Breaking capacity limit short-circuit current (Icu) / at 400 V / rated value	A	50,000
Design of the short-circuit protection		circuit-breakers
Number of poles / for main current circuit		3
Control circuit:		
Voltage type / of control feed voltage		DC
Control supply voltage / 1 / for DC	V	24
Control supply voltage / 1 / for DC / rated value • permissible minimum • permissible maximum	V V	20.4 28.8
Supply voltage:		
Type of / supply voltage		DC
Supply voltage / 1 / for DC	V	24
Supply voltage / 1 / for DC / rated value • permissible minimum • permissible maximum	V V	20.4 28.8
Ambient conditions:		
Protection class IP		IP65
Ambient temperature • during operating • during storage • during transport	°C °C °C	-25 ... +55 -40 ... +70 -40 ... +70
Relative humidity • during operating phase	%	5 ... 95
Resistance against vibration		2g

Resistance against shock		15g / 11 ms
Degree of pollution		3
Installation altitude / at a height over sea level / maximum	m	3,500
mounting position		any

Communication:

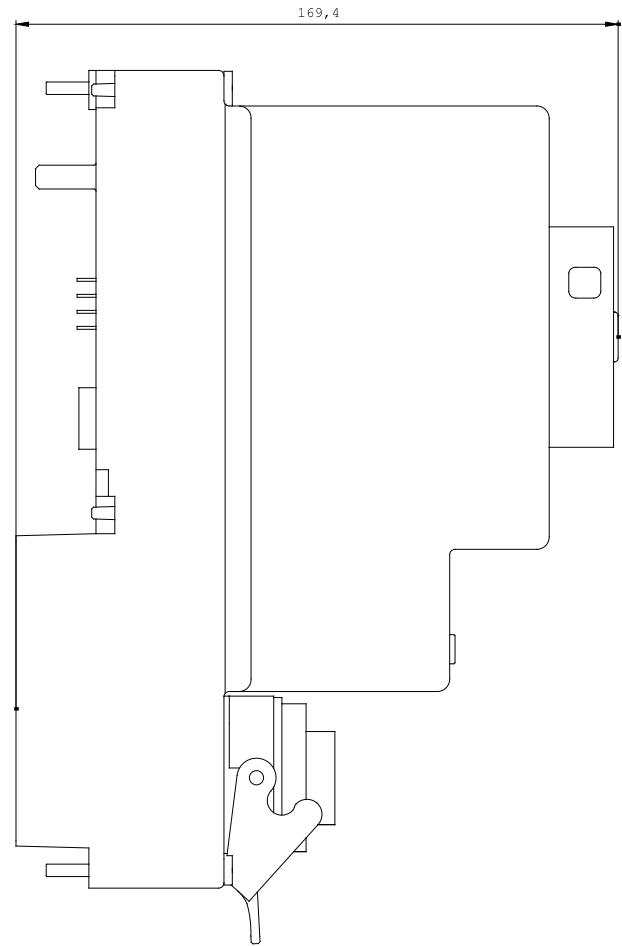
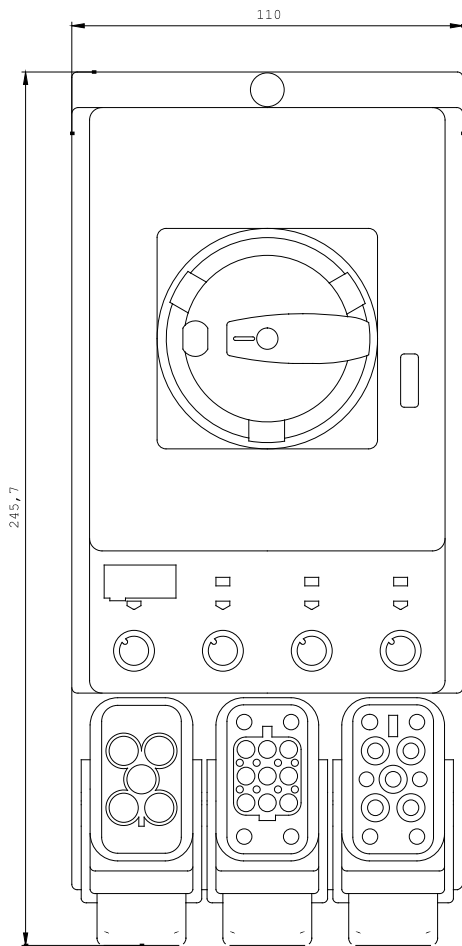
Protocol / is supported		
• PROFIBUS DP protocol		Yes
• PROFINET protocol		Yes
• AS interface protocol		No
Design of the interface / PROFINET protocol		Yes
Design of the electrical connection / of the communication interface		via backplane bus

Connections:

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
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
• at the manufacturer-specific device interface		optical interface
• for main energy infeed		socket according to ISO23570
• for motor outgoing line		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
Verification of suitability		CE / UL / CSA / CCC
Protection against electrical shock		finger-safe

Certificates/approvals:

General Product Approval					Declaration of Conformity
 CCC	 CSA		 GOST	 UL	 EG-Konf.
Test Certificates		other			
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/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/3RK1304-0HS00-7AA0/all					
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1304-0HS00-7AA0					



last change:

Aug 4, 2014