



Figure similar

ET 200PRO RSE ST REVERSING STARTER  
 STANDARD; MECH. SWITCHING; ELECTRO. UE  
 PROTECTION; 3PH 400 V/5.5KW; 1.50A...12.00  
 WITHOUT BRAKE CONTACT - HAN Q4/2 - HAN Q8/0

General technical data:		
product brand name		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		No
Trip class		CLASS 10
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	150
Height	mm	230
Width	mm	110

#### Main circuit:

Operating voltage Rated value	V	400 ... 500
Adjustable response value current of the current-dependent overload release	A	1.5 ... 12
Operating current at AC-3 at 400 V Rated value	A	12
Operating power at AC-3 at 400 V Rated value	W	5 500
Operating power for three-phase motors at 400 V at 50 Hz minimum	W	700
Operating power for three-phase motors at 400 V at 50 Hz maximum	W	5 500
Maximum short-circuit current breaking capacity (I <sub>cu</sub> ) 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 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		vertical, horizontal

#### Communication/ Protocol:

<b>Protocol is supported</b>		
<ul style="list-style-type: none"> <li>• PROFIBUS DP protocol</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• PROFINET protocol</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• AS-interface protocol</li> </ul>		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>		0
<b>Number of sockets</b>		
<ul style="list-style-type: none"> <li>• for digital input signals</li> </ul>		0
<ul style="list-style-type: none"> <li>• for digital output signals</li> </ul>		0
<b>Product function</b>		
<ul style="list-style-type: none"> <li>• digital inputs parameterizable</li> </ul>		No
<ul style="list-style-type: none"> <li>• digital outputs parameterizable</li> </ul>		No
<b>Type of electrical connection</b>		
<ul style="list-style-type: none"> <li>• 1 for digital input signals</li> </ul>		M12 socket
<ul style="list-style-type: none"> <li>• 2 for digital input signals</li> </ul>		M12 socket
<ul style="list-style-type: none"> <li>• 3 for digital input signals</li> </ul>		M12 socket
<ul style="list-style-type: none"> <li>• 4 for digital input signals</li> </ul>		M12 socket
<b>Type of electrical connection</b>		
<ul style="list-style-type: none"> <li>• at the manufacturer-specific device interface</li> </ul>		optical interface
<ul style="list-style-type: none"> <li>• for main energy infeed</li> </ul>		socket according to ISO23570
<ul style="list-style-type: none"> <li>• for load-side outgoing feeder</li> </ul>		socket according to ISO23570
<ul style="list-style-type: none"> <li>• for main energy transmission</li> </ul>		socket according to ISO23570
<ul style="list-style-type: none"> <li>• for supply voltage infeed</li> </ul>		via backplane bus
<ul style="list-style-type: none"> <li>• for supply voltage transmission</li> </ul>		via backplane bus
<ul style="list-style-type: none"> <li>• for main current circuit</li> </ul>		tab terminals

#### Certificate of suitability

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



CCC



CSA



GOST



UL



EG-Konf.

**Test  
Certificates**
**other**

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**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**

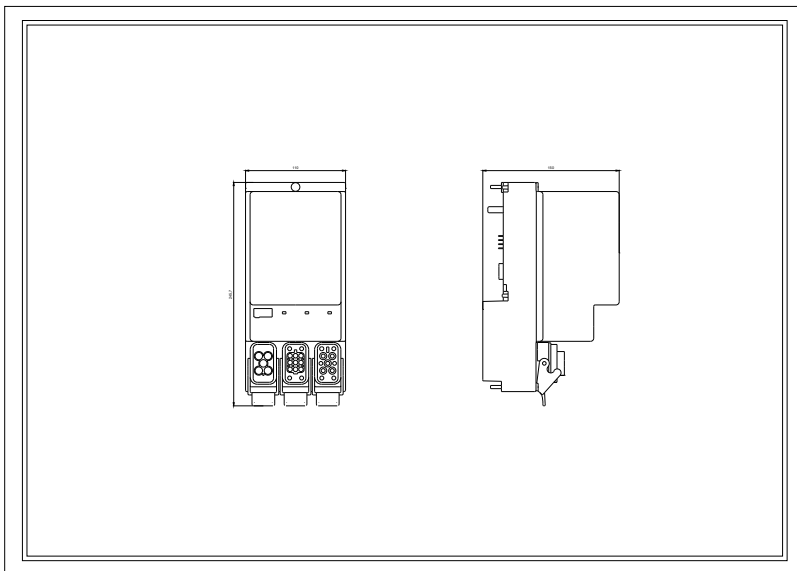
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mf=3RK13045LS405AA0>

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

<http://support.automation.siemens.com/WW/view/en/3RK13045LS405AA0/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK13045LS405AA0&lang=en>



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09.03.2015