

ET 200pro ASm 400 V Disconnection module 400 V to 25 A for safe switching-off up to Category 3/4 Han Q4/2



Product brand name	SIMATIC
Product designation	Motor starters
Design of the product	safety disconnecting module
Product type designation	ET 200pro

General technical data	
Product function	
• on-site operation	No
Degree of pollution	3
Surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
• between main and auxiliary circuit	400 V
Protection class IP	IP65
Shock resistance	15g / 11 ms
Type of assignment	1
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	A
Reference code acc. to DIN EN 81346-2	Q
Reference code acc. to DIN EN 61346-2	Q
Product component Motor brake output	No

<b>Product feature</b>	
• brake control with 230 V AC	No
• brake control with 400 V AC	No
• brake control with 24 V DC	No
• brake control with 180 V DC	No
• brake control with 500 V DC	No
<b>Product function Short circuit protection</b>	No

#### Safety related data

<b>Safety device type acc. to IEC 61508-2</b>	Type A
<b>Safety Integrity Level (SIL) acc. to IEC 61508</b>	3
<b>Stop category acc. to DIN EN 60204-1</b>	0
<b>Safe failure fraction (SFF)</b>	99 %
<b>PFHD with high demand rate acc. to EN 62061</b>	0.000000000054 1/h
<b>MTTFd</b>	100 y
<b>Hardware fault tolerance acc. to IEC 61508</b>	1
<b>T1 value for proof test interval or service life acc. to IEC 61508</b>	10 y
<b>Safe state</b>	Load circuit open
<b>Protection against electrical shock</b>	finger-safe

#### Main circuit

<b>Number of poles for main current circuit</b>	3
<b>Design of the switching contact</b>	electromechanical
<b>Adjustable pick-up value current of the current-dependent overload release</b>	25 ... 25 A
<b>Type of voltage</b>	AC
<b>Operating voltage</b>	
• rated value	200 ... 400 V
<b>Operating range relative to the operating voltage at AC</b>	
• at 50 Hz	200 ... 440 V
<b>Operating current</b>	
• at AC at 400 V rated value	25 A
• at AC-3	
— at 400 V rated value	25 A

#### Inputs/ Outputs

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

Supply voltage	
Type of voltage of the supply voltage	DC
Supply voltage 1 at DC	24 ... 24 V
Supply voltage 1 at DC rated value	
• minimum permissible	20.4 V
• maximum permissible	28.8 V
Control circuit/ Control	
Type of voltage of the control supply voltage	DC
Control supply voltage at DC	
• rated value	20.4 ... 28.8 V
Control supply voltage 1	
• at DC rated value	20.4 ... 28.8 V
• at DC	24 ... 24 V
Installation/ mounting/ dimensions	
Mounting position	any
Mounting type	screw fixing
Height	230 mm
Width	110 mm
Depth	150 mm
Ambient conditions	
Installation altitude at height above sea level	
• maximum	3 500 m
Relative humidity during operation	5 ... 95 %
Communication/ Protocol	
Protocol is supported	
• PROFIBUS DP protocol	Yes
• PROFINET protocol	Yes
Design of the interface	
• PROFINET protocol	Yes
Product function Bus communication	Yes
Protocol is supported	
• AS-Interface protocol	No
Product function	
• supports PROFINET measured values	No
• supports PROFINET shutdown	No
address range memory of address range	
• of the inputs	1 byte
• of the outputs	0 byte
Type of electrical connection	
• of the communication interface	via backplane bus

## Connections/ Terminals

<b>Type of electrical connection</b> <ul style="list-style-type: none"> <li>• for main current circuit</li> </ul>	tab terminals
<b>Type of electrical connection</b> <ul style="list-style-type: none"> <li>• 1 for digital input signals</li> <li>• 2 for digital input signals</li> <li>• 3 for digital input signals</li> <li>• 4 for digital input signals</li> </ul>	M12 socket M12 socket M12 socket M12 socket
<b>Type of electrical connection</b> <ul style="list-style-type: none"> <li>• at the manufacturer-specific device interface</li> <li>• for main energy infeed</li> <li>• for load-side outgoing feeder</li> <li>• for main energy transmission</li> <li>• for supply voltage line-side</li> <li>• for supply voltage transmission</li> </ul>	optical interface socket according to ISO23570 socket according to ISO23570 socket according to ISO23570 via backplane bus via backplane bus

## UL/CSA ratings

<b>Operating voltage</b> <ul style="list-style-type: none"> <li>• at AC at 60 Hz acc. to CSA and UL rated value</li> </ul>	600 V
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## Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity
 CCC	 EAC	 EG-Konf.
 CSA	 RCM	
 UL		

Test Certificates	other
<a href="#">Type Test Certificates/Test Report</a>	<a href="#">Confirmation</a>

## Further information

### Information- and Downloadcenter (Catalogs, Brochures,...)

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

### Industry Mall (Online ordering system)

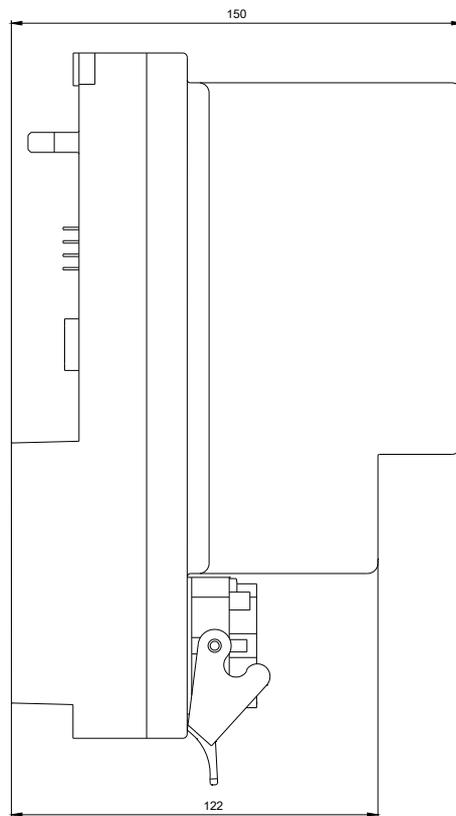
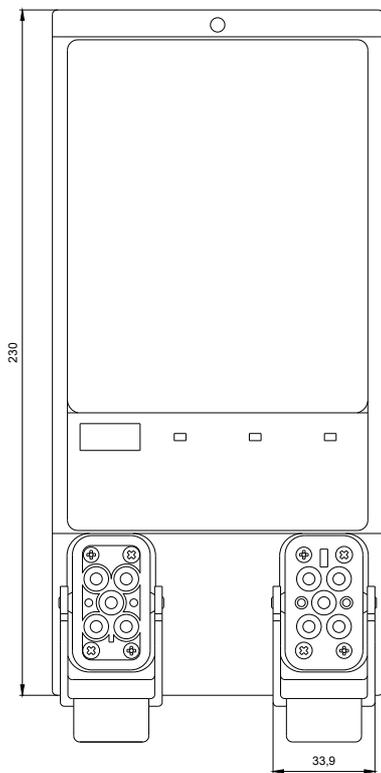
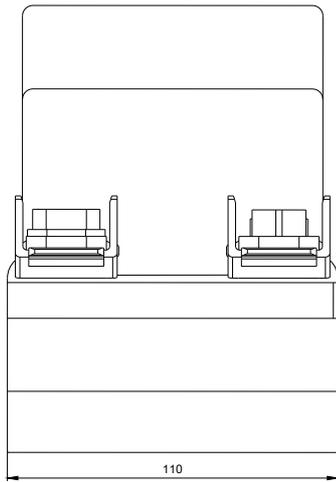
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1304-0HS00-8AA0>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1304-0HS00-8AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1304-0HS00-8AA0>



last modified:

07/26/2019