



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
insulation voltage rated value	400 V
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
vibration resistance	2g
type of assignment	1
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	05/28/2009
product component motor brake output	No
product feature	
• 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
product function short circuit protection	No

### Safety related data

safety device type according to IEC 61508-2	Type A
Safety Integrity Level (SIL) according to IEC 61508	3
SIL Claim Limit (subsystem) according to EN 62061	SILCL 3
performance level (PL) according to EN ISO 13849-1	e
category according to EN ISO 13849-1	4
stop category according to EN 60204-1	0
Safe failure fraction (SFF)	99 %
average diagnostic coverage level (DCavg)	99 %
PFHD with high demand rate according to EN 62061	5.35E-11 1/h
MTTFd	100 a
hardware fault tolerance according to IEC 61508	1
safe state	Load circuit open
touch protection against electrical shock	finger-safe

### Main circuit

number of poles for main current circuit	3
design of the switching contact	electromechanical

<b>adjustable current response value current of the current-dependent overload release</b>	25 ... 25 A
<b>type of voltage</b>	AC
operating voltage rated value	200 ... 400 V
operating range relative to the operating voltage at AC at 50 Hz	200 ... 440 V
<b>operational 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

<b>type of voltage of the supply voltage</b>	DC
<b>supply voltage 1 at DC</b>	24 ... 24 V
<b>supply voltage 1 at DC rated value</b>	
• minimum permissible	20.4 V
• maximum permissible	28.8 V

#### Control circuit/ Control

<b>type of voltage of the control supply voltage</b>	DC
control supply voltage at DC rated value	20.4 ... 28.8 V
<b>control supply voltage 1</b>	
• at DC rated value	20.4 ... 28.8 V
• at DC	24 ... 24 V

#### Installation/ mounting/ dimensions

<b>mounting position</b>	any
<b>fastening method</b>	screw fixing
<b>height</b>	230 mm
<b>width</b>	110 mm
<b>depth</b>	150 mm

#### Ambient conditions

installation altitude at height above sea level maximum	3 500 m
<b>ambient temperature</b>	
• during operation	-25 ... +55 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
relative humidity during operation	5 ... 95 %

#### Communication/ Protocol

<b>protocol is supported</b>	
• PROFIBUS DP protocol	Yes
• PROFINET protocol	Yes
design of the interface PROFINET protocol	Yes
<b>product function bus communication</b>	Yes
protocol is supported AS-Interface protocol	No
<b>product function</b>	
• supports PROFInergy measured values	No
• supports PROFInergy shutdown	No
<b>address space memory of address range</b>	
• of the inputs	1 byte
• of the outputs	0 byte
type of electrical connection of the communication interface	via backplane bus

#### Connections/ Terminals

type of electrical connection for main current circuit	tab terminals
<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

<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> <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

operating voltage at AC at 60 Hz according to CSA and UL rated value	600 V
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#### Certificates/ approvals

General Product Approval	EMC
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[Confirmation](#)



Declaration of Conformity	Test Certificates	other	Dangerous Good
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[Type Test Certificates/Test Report](#)

[Confirmation](#)

[Transport Information](#)

#### Further information

**Siemens has decided to exit the Russian market (see here).**

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

**Siemens is working on the renewal of the current EAC certificates.**

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**

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

**Cax online generator**

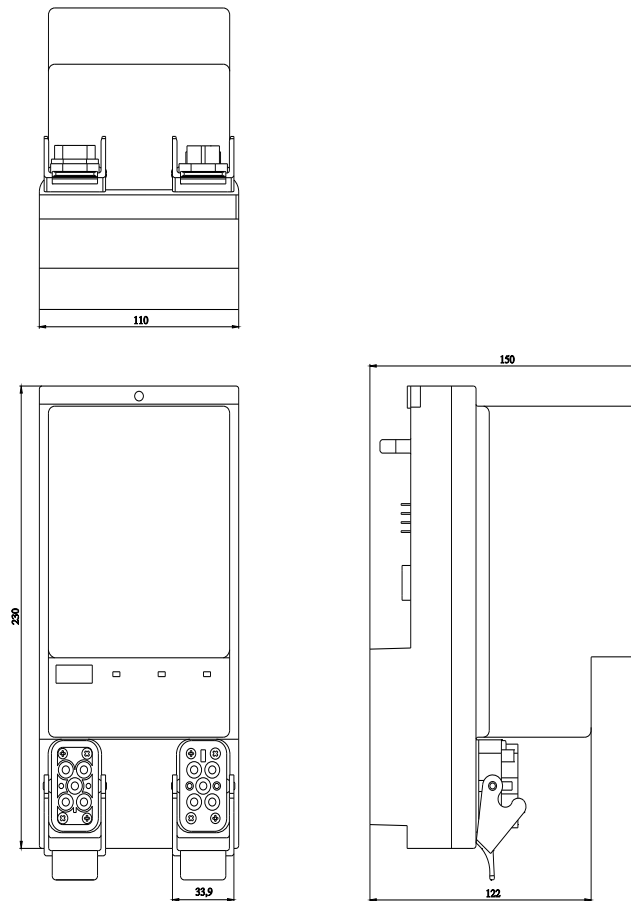
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1304-0HS00-8AA0>

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

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

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1304-0HS00-8AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1304-0HS00-8AA0&lang=en)



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