



Figure similar

ET 200PRO RSE ST REVERSING STARTER
 STANDARD; MECH. SWITCHING; ELECTRO. UE
 PROTECTION; 3PH 400 V/0.9KW; 0.15A...2.00A
 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 | 0.15 ... 2 |
| Operating current at AC-3 at 400 V Rated value | A | 2 |
| Operating power at AC-3 at 400 V Rated value | W | 900 |
| Operating power for three-phase motors at 400 V at 50 Hz minimum | W | 70 |
| Operating power for three-phase motors at 400 V at 50 Hz maximum | W | 900 |
| Maximum short-circuit current breaking capacity (I _{cu}) 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:

| | | |
|---|--|-------------------|
| Protocol is supported | | |
| <ul style="list-style-type: none"> • PROFIBUS DP protocol | | Yes |
| <ul style="list-style-type: none"> • PROFINET protocol | | Yes |
| <ul style="list-style-type: none"> • AS-interface protocol | | No |
| Design of the interface PROFINET protocol | | Yes |
| Type of electrical connection of the communication interface | | via backplane bus |

Connections/ Terminals:

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

Certificate of suitability

| | | |
|--|--|-------------|
| Protection against electrical shock | | finger-safe |
|--|--|-------------|

Certificates/ approvals:



CCC



CSA



GOST



UL



EG-Konf.

**Test
Certificates**

[Type Test
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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

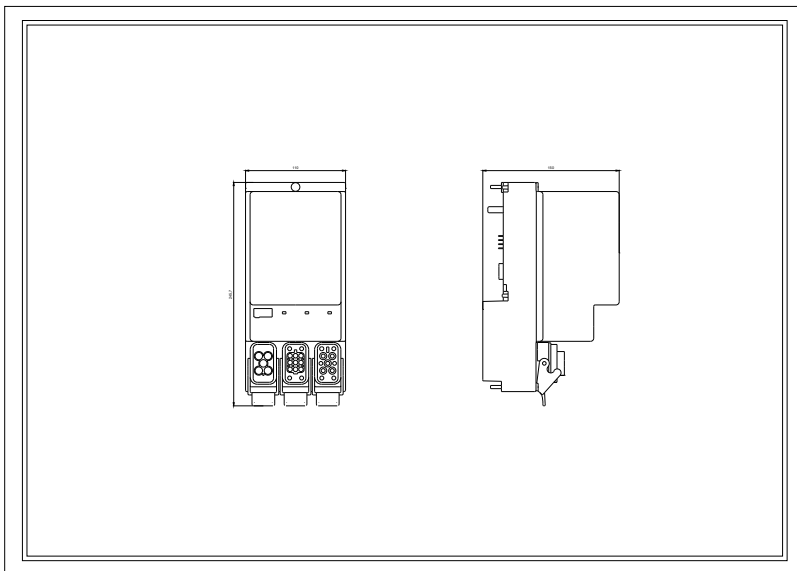
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mf=3RK13045KS405AA0>

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

<http://support.automation.siemens.com/WW/view/en/3RK13045KS405AA0/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK13045KS405AA0&lang=en>



last modified:

09.03.2015