

SIRIUS MOTOR STARTER M200D AS-I
 COMMUNICATION: AS-INTERFACE DIRECT ON-LINE
 STARTER BASIC ELECTRONICALLY SWITCHING
 AC-3; 0,75KW/400V; 0,15A-2,00A; ELECTRONIC
 OVERLOAD PROTECTION; THERMISTOR:
 THERMOCLICK / PTC WITH BRAKE CONTACT 400V
 AC 2DI AS-I + 2DI / 1DO ON DEVICE HAN Q4/2 - HAN
 Q8/0



Figure similar

| General technical data: | | |
|--------------------------------------|--|------------------------------------|
| product brandname | | SIRIUS |
| Product designation | | motor starter M200D, AS-i Basic |
| Design of the product | | direct starter |
| Product function | | |
| • direct start | | Yes |
| • reverse starting | | No |
| • Short circuit protection | | Yes |
| • Bus communication | | Yes |
| Design of the switching contact | | solid-state / thyristor / 2 phases |
| Product component Motor brake output | | Yes |
| Trip class | | CLASS 10 |
| Type of assignment | | 1 |
| Product feature | | |
| • brake control with 230 V AC | | Yes |
| • brake control with 400 V AC | | Yes |
| • brake control with 24 V DC | | No |

| | | |
|---|----|--------------|
| • brake control with 180 V DC | | No |
| • brake control with 500 V DC | | No |
| Product extension braking module for brake control | | No |
| Surge voltage resistance rated value | V | 6 000 |
| Switch-on delay time | ms | 25 |
| Off-delay time | ms | 35 |
| Insulation voltage rated value | V | 500 |
| Power loss [W] typical | W | 30 |
| maximum permissible voltage for safe isolation | | |
| • between main and auxiliary circuit | V | 400 |
| • between control and auxiliary circuit | V | 24 |
| Equipment marking acc. to DIN EN 61346-2 | | Q |
| Mounting type | | screw fixing |
| Width | mm | 294 |
| Height | mm | 215 |
| Depth | mm | 159 |

Main circuit:

| | | |
|---|----|-----------------------|
| Operating voltage rated value | V | 360 ... 440 |
| Adjustable pick-up 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 for three-phase motors at 400 V at 50 Hz | kW | 0.06 ... 0.75 |
| Operating power at AC-3 | | |
| • at 400 V rated value | kW | 0.75 |
| • at 500 V rated value | W | 750 |
| Number of poles for main current circuit | | 3 |
| Design of short-circuit protection | | circuit-breakers |
| Maximum short-circuit current breaking capacity (Icu) | | |
| • at 400 V rated value | A | 50 000 |
| • at 500 V rated value | A | 20 000 |
| Type of the motor protection | | full motor protection |

Control circuit/ Control:

| | | |
|--|---|-----------|
| Type of voltage of the control supply voltage | | DC |
| Control supply voltage 1 at DC rated value | V | 24 |
| • minimum permissible | V | 20.4 |
| • maximum permissible | V | 28.8 |
| Type of electrical connection for auxiliary and control current circuit | | connector |

Supply voltage:

| | | |
|--|--|----|
| Type of voltage of the supply voltage | | DC |
| Supply voltage 1 at DC rated value | | |

| | | |
|---|---|----------|
| <ul style="list-style-type: none"> • maximum permissible | V | 31.6 |
| <ul style="list-style-type: none"> • minimum permissible | V | 26.5 |
| Type of electrical connection for supply voltage line-side | | M12 plug |

Ambient conditions:

| | | |
|--|----|----------------------------|
| Protection class IP | | IP65 |
| Ambient temperature | | |
| <ul style="list-style-type: none"> • during storage | °C | -40 ... +70 |
| <ul style="list-style-type: none"> • during operation | °C | -25 ... +55 |
| <ul style="list-style-type: none"> • during transport | °C | -40 ... +70 |
| Relative humidity during operation | % | 10 ... 95 |
| Vibration resistance | | 7 mm / 2g |
| Shock resistance | | 12g / 11 ms |
| Degree of pollution | | 3 |
| Installation altitude at height above sea level maximum | m | 2 000 |
| Mounting position | | vertical, horizontal, flat |
| Mounting position recommended | | horizontal |

Communication/ Protocol:

| | | |
|--|--|----------|
| Design of the interface AS-interface protocol | | Yes |
| Protocol is supported AS-interface protocol | | Yes |
| Design of the interface PROFIBUS DP protocol | | No |
| Protocol is supported PROFIBUS DP protocol | | No |
| Product function | | |
| <ul style="list-style-type: none"> • Control circuit interface with IO link | | No |
| <ul style="list-style-type: none"> • Control circuit interface to parallel wiring | | No |
| Design of the interface PROFINET protocol | | No |
| Protocol is supported PROFINET protocol | | No |
| Type of electrical connection of the communication interface | | M12 plug |

Connections/ Terminals:

| | | |
|---|--|------------|
| Number of digital inputs | | 4 |
| Number of digital outputs | | 1 |
| Number of sockets | | |
| <ul style="list-style-type: none"> • for digital input signals | | 4 |
| <ul style="list-style-type: none"> • for digital output signals | | 1 |
| 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"> — for digital output signals • 2 for digital input signals • 3 for digital input signals • 4 for digital input signals | M12 socket M12 socket M12 socket M12 socket |
| Type of electrical connection <ul style="list-style-type: none"> • at the manufacturer-specific device interface • for device addressing | optical interface M12 plug |
| Product function on-site operation | No |


Electromagnetic compatibility:

| | |
|--|---|
| EMI immunity acc. to IEC 60947-1 | corresponds to degree of severity 3, ambience A (industrial sector) |
| Conducted interference due to burst acc. to IEC 61000-4-4 | 2 kV network connection / 1 kV control connection |
| Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5 | 2 kV |
| Conducted interference due to conductor-conductor surge acc. to IEC 61000-4-5 | 1 kV |
| EMC emitted interference acc. to IEC 60947-1 | CISPR11, ambience A (group 2) |
| Certificate of suitability | CE |
| Protection against electrical shock | finger-safe |

Certificates/ approvals:

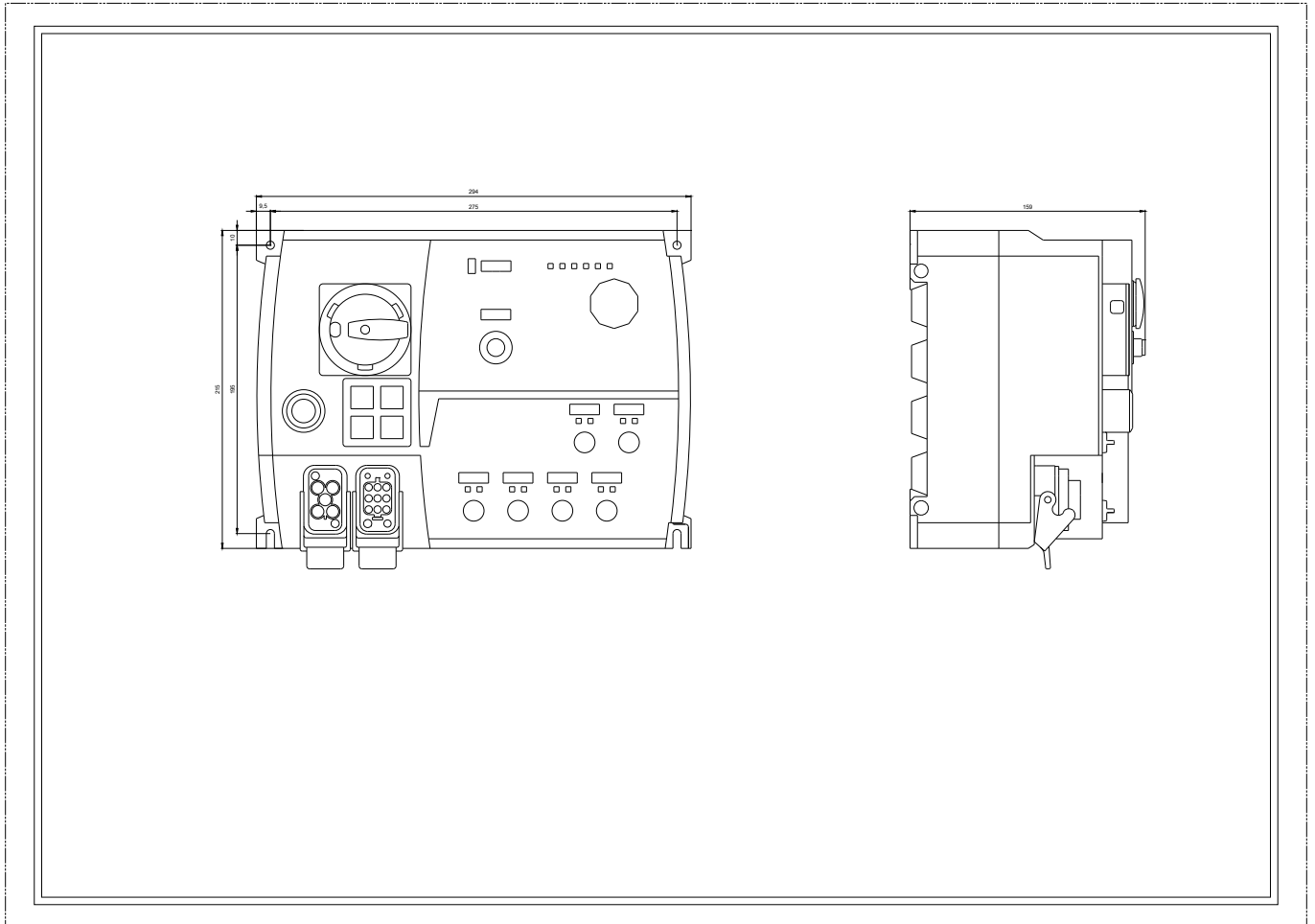
| General Product Approval | Declaration of Conformity | Test Certificates |
|--|---|---|
|  CCC |  |  EG-Konf. |
|  CSA | | Type Test Certificates/Test Report |
|  UL | | |

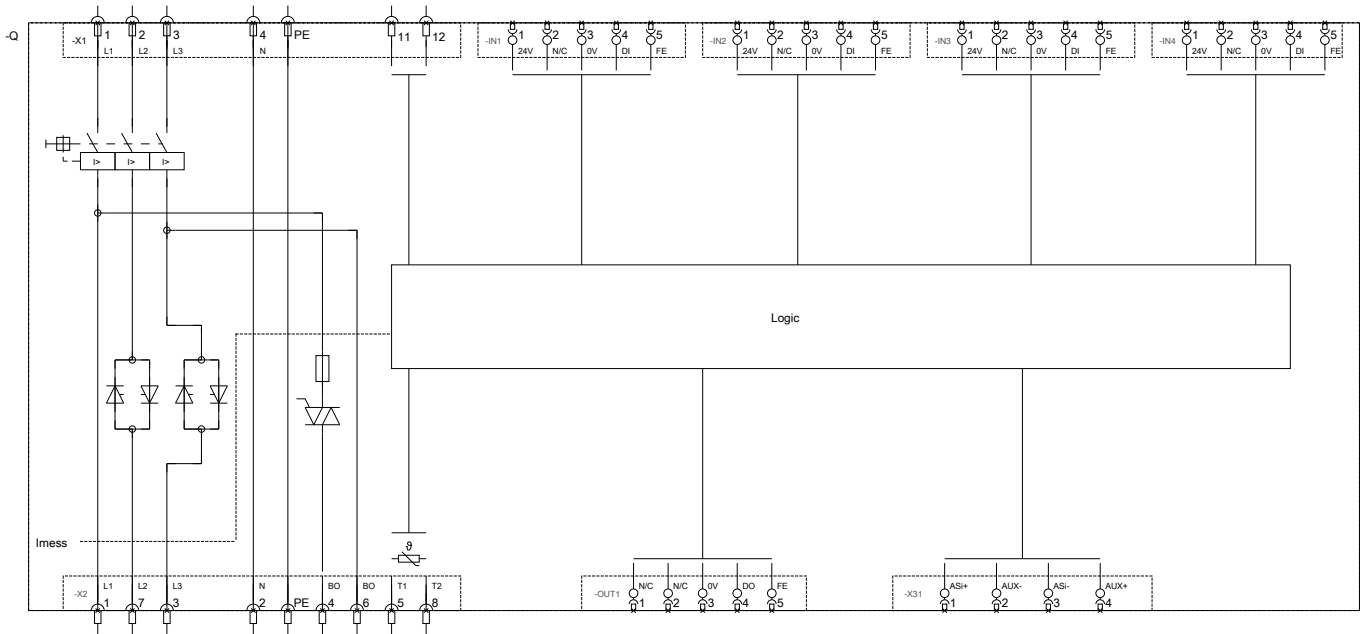
other

| | | |
|--|---|------------------------------|
|  ASi | Environmental Confirmations | Confirmation |
|--|---|------------------------------|

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&mlfb=3RK1315-6KS71-0AA3>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
<https://support.industry.siemens.com/cs/ww/en/ps/3RK1315-6KS71-0AA3>





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