



CONTACTOR, AC-3 11 KW/400 V, DC 24 V,
3-POLE, 2 NO + 2 NC, SIZE S0,
SCREW CONNECTION,
MOUNTING POSITION VERTICAL

General technical data:

| | | |
|---|----|-------------|
| product brand name | | SIRIUS |
| Size of the contactor | | S0 |
| Protection class IP / on the front | | IP20 |
| Degree of pollution | | 3 |
| Installation altitude / at a height over sea level / maximum | m | 2,000 |
| Ambient temperature / during operating | °C | -25 ... +60 |
| Mechanical operating cycles as operating time | | |
| <ul style="list-style-type: none"> • of the contactor / typical | | 10,000,000 |
| <ul style="list-style-type: none"> • of the contactor with added auxiliary switch block / typical | | 10,000,000 |
| <ul style="list-style-type: none"> • of the contactor with added electronics-compatible auxiliary switch block / typical | | 5,000,000 |

Main circuit:

| | | |
|--|---|------|
| Number of NC contacts / for main contacts | | 0 |
| Number of NO contacts / for main contacts | | 3 |
| Operating current | | |
| <ul style="list-style-type: none"> • at AC-1 / at 400 V <ul style="list-style-type: none"> • at 40 °C ambient temperature / rated value | A | 40 |
| <ul style="list-style-type: none"> • at AC-3 / at 400 V / rated value | A | 25 |
| <ul style="list-style-type: none"> • at AC-4 / at 400 V / rated value | A | 15.5 |

| | | |
|---|----|-------|
| <ul style="list-style-type: none"> with 1 current path / at DC-1 <ul style="list-style-type: none"> at 24 V / rated value at 110 V / rated value | A | 35 |
| | A | 4.5 |
| <ul style="list-style-type: none"> with 2 current paths in series / at DC-1 <ul style="list-style-type: none"> at 24 V / rated value at 110 V / rated value | A | 35 |
| | A | 35 |
| <ul style="list-style-type: none"> with 3 current paths in series / at DC-1 <ul style="list-style-type: none"> at 24 V / rated value at 110 V / rated value | A | 35 |
| | A | 35 |
| <ul style="list-style-type: none"> with 1 current path / at DC-3 / at DC-5 <ul style="list-style-type: none"> at 24 V / rated value at 110 V / rated value | A | 20 |
| | A | 2.5 |
| <ul style="list-style-type: none"> with 2 current paths in series / at DC-3 / at DC-5 <ul style="list-style-type: none"> at 24 V / rated value at 110 V / rated value | A | 35 |
| | A | 15 |
| <ul style="list-style-type: none"> with 3 current paths in series / at DC-3 / at DC-5 <ul style="list-style-type: none"> at 24 V / rated value at 110 V / rated value | A | 35 |
| | A | 35 |
| Service power | | |
| <ul style="list-style-type: none"> at AC-2 / at 400 V / rated value | kW | 11 |
| <ul style="list-style-type: none"> at AC-3 / at 400 V / rated value | kW | 11 |
| <ul style="list-style-type: none"> at AC-4 / at 400 V / rated value | W | 7,500 |

| Control circuit: | | |
|---|---|-------------|
| Voltage type / of control feed voltage | | DC |
| Operating range factor control supply voltage rated value / of the magnet coil | | |
| <ul style="list-style-type: none"> for DC | | 0.8 ... 1.1 |
| Pull-in power / of the solenoid / for DC | W | 5.4 |
| Holding power / of the solenoid / for DC | W | 5.4 |

| Auxiliary circuit: | | |
|---|--|---|
| Contact reliability / of the auxiliary contacts | | 1 faulty switching per 100 million (17 V, 1 mA) |
| Number of NC contacts / for auxiliary contacts / instantaneous switching | | 2 |
| Number of NO contacts / for auxiliary contacts / instantaneous switching | | 2 |

| Short-circuit: | | |
|---|--|------------------|
| Design of the fuse link | | |
| <ul style="list-style-type: none"> for short-circuit protection of the auxiliary switch / required for short-circuit protection of the main circuit | | fuse gL/gG: 10 A |

- with type of assignment 1 / required
- at type of coordination 2 / required

fuse gL/gG: 100 A

fuse gL/gG: 35 A

Installation/mounting/dimensions:

| | | |
|---|----|--|
| Mounting type | | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 |
| series installation | | Yes |
| Width | mm | 45 |
| Height | mm | 85 |
| Depth | mm | 150 |
| Distance, to be maintained, to earthed part / sideways | mm | 6 |

Connection type:

| | | |
|--|--|---|
| Design of the electrical connection | | |
| <ul style="list-style-type: none"> • for main current circuit • for auxiliary and control current circuit | | <p>screw-type terminals</p> <p>screw-type terminals</p> |
| Type of the connectable conductor cross-section | | |
| <ul style="list-style-type: none"> • for main contacts <ul style="list-style-type: none"> • solid • finely stranded <ul style="list-style-type: none"> • with conductor end processing • for AWG conductors / for main contacts • for auxiliary contacts <ul style="list-style-type: none"> • solid • finely stranded <ul style="list-style-type: none"> • with conductor end processing • for AWG conductors / for auxiliary contacts | | <p>2x (1 ... 2.5 mm²), 2x (2.5 ... 6 mm²), max. 2x 10 mm²</p> <p>2x (1 ... 2.5 mm²), 2x (2.5 ... 6 mm²)</p> <p>2x (20 ... 16), 2x (18 ... 14), 1x 12</p> <p>2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²), max. 2x (0.75 ... 4 mm²)</p> <p>2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)</p> <p>2x (20 ... 16), 2x (18 ... 14), 1x 12</p> |

Certificates/approvals:

General Product Approval

Functional Safety /
Safety of
Machinery

Declaration of Conformity



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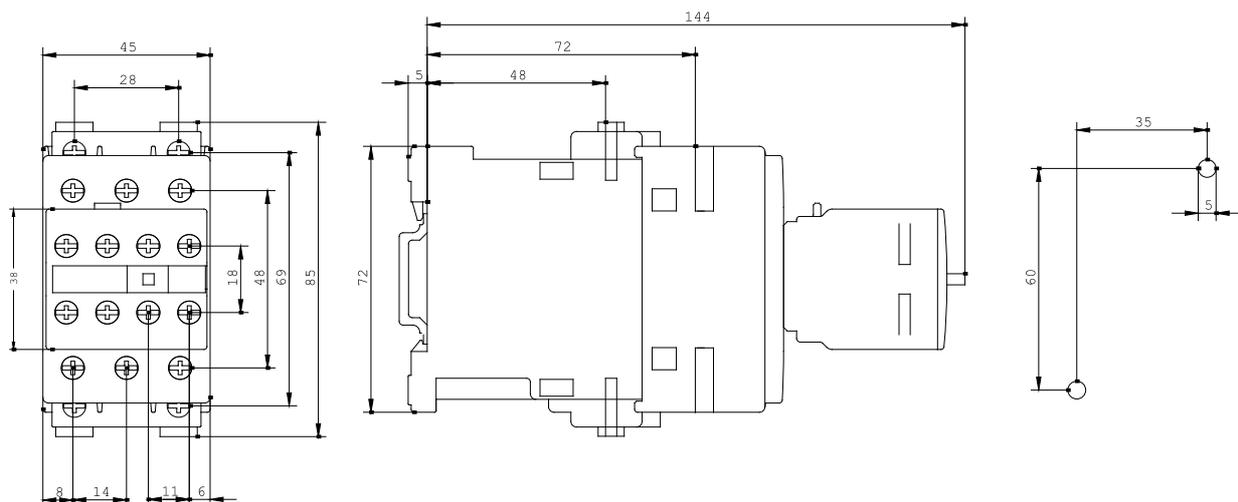
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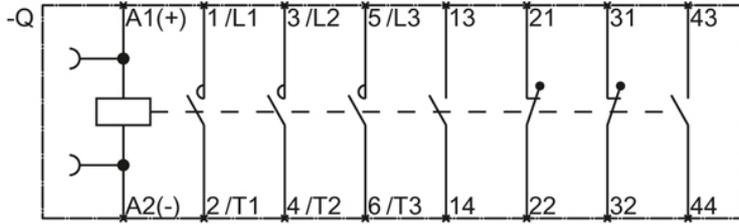
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RT1026-1BB44-1AA0/all>

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

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last change:

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