



first lateral auxiliary switch 1 NO, 1 NC, screw terminal, for contactors 3RT1

General technical data

| | |
|--|---|
| product brand name | SIRIUS |
| suitability for use | Contactor relay and power contactor |
| protection class IP on the front | IP20 |
| ambient temperature | |
| • during storage | -55 ... +80 °C |
| • during operation | -25 ... +60 °C |
| mechanical service life (operating cycles) typical | 10 000 000 |
| electrical endurance (operating cycles) at AC-15 at 230 V typical | 200 000 |
| contact reliability of auxiliary contacts | 1 faulty switching per 100 million (17 V, 1 mA) |
| insulation voltage with degree of pollution 3 at AC rated value | 500 V |
| surge voltage resistance rated value | 6 kV |

Auxiliary circuit

| | |
|---|------|
| number of NC contacts for auxiliary contacts | 1 |
| • instantaneous contact | |
| number of NO contacts for auxiliary contacts | 1 |
| • instantaneous contact | |
| operational current of auxiliary contacts at AC-12 | |
| • at 24 V | 10 A |
| • at 230 V | 10 A |
| • maximum | 10 A |
| operational current | |
| • of auxiliary contacts | |
| — at AC-14 | |
| — at 125 V | 6 A |
| — at 250 V | 6 A |
| — at AC-15 | |
| — at 24 V | 6 A |
| — at 230 V | 6 A |
| — at 400 V | 3 A |
| operational current | |
| • of auxiliary contacts at DC-12 | |
| — at 24 V | 10 A |
| — at 110 V | 3 A |
| — at 220 V | 1 A |
| • with 2 current paths in series at DC-12 | |
| — at 24 V rated value | 10 A |
| — at 60 V rated value | 10 A |
| — at 110 V rated value | 4 A |
| — at 220 V rated value | 2 A |

| | |
|---|-------|
| — at 440 V rated value | 1.3 A |
| • with 3 current paths in series at DC-12 | |
| — at 24 V rated value | 10 A |
| — at 60 V rated value | 10 A |
| — at 110 V rated value | 10 A |
| — at 220 V rated value | 3.6 A |
| — at 440 V rated value | 2.5 A |
| operational current | |
| • of auxiliary contacts at DC-13 | |
| — at 24 V | 6 A |
| — at 60 V | 2 A |
| — at 110 V | 1 A |
| — at 220 V | 0.3 A |
| • with 2 current paths in series at DC-13 | |
| — at 24 V rated value | 10 A |
| — at 60 V rated value | 3.5 A |
| — at 110 V rated value | 1.3 A |
| — at 220 V rated value | 0.9 A |
| — at 440 V rated value | 0.2 A |
| • with 3 current paths in series at DC-13 | |
| — at 24 V rated value | 10 A |
| — at 60 V rated value | 4.7 A |
| — at 110 V rated value | 3 A |
| — at 220 V rated value | 1.2 A |
| — at 440 V rated value | 0.5 A |

Installation/ mounting/ dimensions

| | |
|-------------------------|------------------|
| fastening method | snap-on mounting |
| width | 10 mm |
| height | 80 mm |
| depth | 71 mm |

Connections/ Terminals

| | |
|--|---|
| type of electrical connection for auxiliary and control circuit | screw-type terminals |
| type of connectable conductor cross-sections | |
| • for auxiliary contacts | |
| — finely stranded | |
| — with core end processing | 2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) |
| • at AWG cables for auxiliary contacts | 2x (20 ... 16), 2x (18 ... 14) |

Safety related data

| | |
|--|-----------|
| product function mirror contact according to IEC 60947-4-1 | Yes |
| • note | with 3RT1 |
| product function positively driven operation according to IEC 60947-5-1 | No |

Certificates/ approvals

| | |
|---------------------------------|--|
| General Product Approval | Functional Safety/Safety of Machinery |
|---------------------------------|--|



[Confirmation](#)



[KC](#)



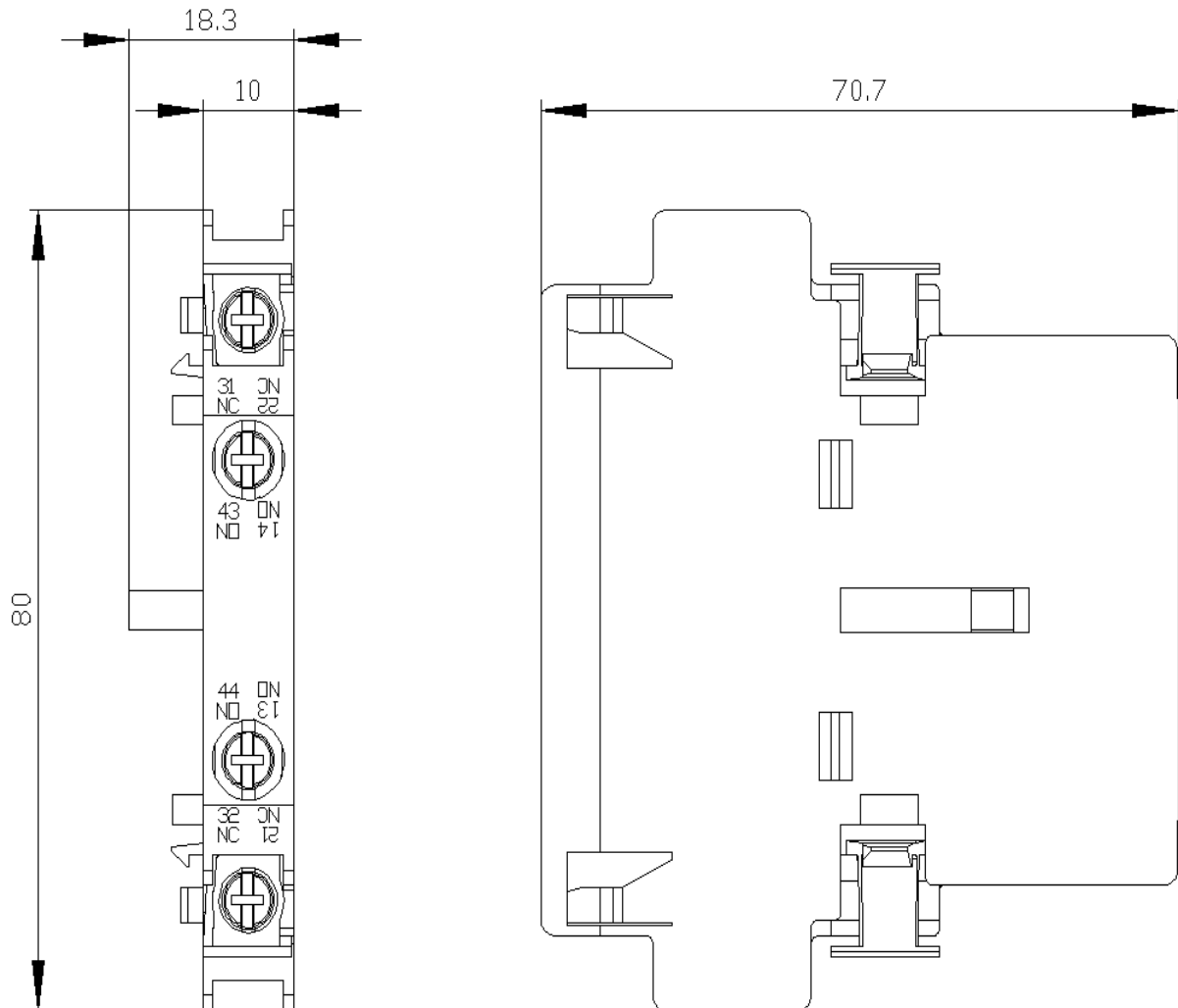
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Declaration of Conformity Test Certificates Marine / Shipping

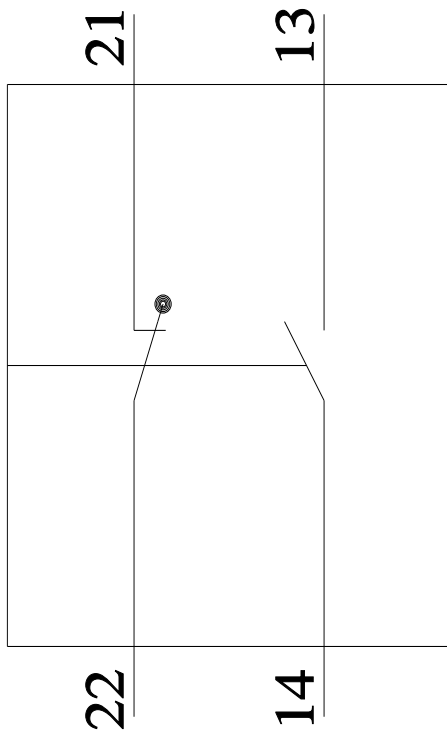


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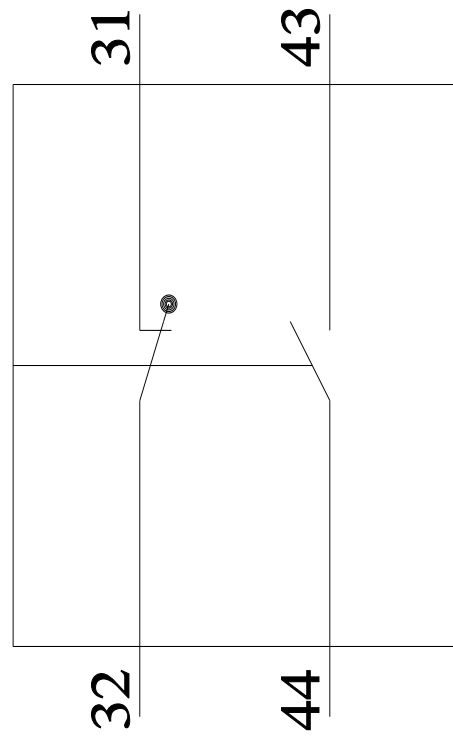


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