

AUX. SWITCH BLOCK, 1NO+1NC, DIN EN50005, LATERALLY, 10 MM SCREW CONNECTION, SIZE S0...S12, FOR CONTACTORS FOR SWITCHING MOTORS, 2-POLE



Figure similar

| 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  | °C | -55 ... +80  |
| • during operation  | °C | -25 ... +60  |
| Mechanical service life (switching cycles) typical                |    | 10 000 000   |
| Electrical endurance (switching cycles) at AC-15 at 230 V typical |    | 200 000  |
| Contact reliability   |    | one incorrect switching operation of 100 million switching operations (17 V, 5 mA) |
| Contact reliability of auxiliary contacts                         |    | 1 faulty switching per 100 million (17 V, 1 mA)                                    |
| Insulation voltage with degree of pollution 3 rated value         | V  | 500  |
| Surge voltage resistance rated value                              | kV | 6  |
| Auxiliary circuit:  |    |  |
| Number of NC contacts for auxiliary contacts                      |    |  |
| • instantaneous contact   |    | 1  |

|   |   |      |
|---|---|------|
| <b>Number of NO contacts for auxiliary contacts</b>     |   |      |
| • instantaneous contact                                 |   | 1    |
| <b>Operating current of auxiliary contacts at AC-12</b> |   |      |
| • at 24 V   | A | 10   |
| • at 230 V  | A | 10   |
| • maximum   | A | 10   |
| <b>Operating current</b>                                |   |      |
| • of auxiliary contacts                                 |   |      |
| — at AC-14  |   |      |
| — at 125 V  | A | 6    |
| — at 250 V  | A | 6    |
| — at AC-15  |   |      |
| — at 24 V   | A | 6    |
| — at 230 V  | A | 6    |
| — at 400 V  | A | 3    |
| • at AC-15 at 690 V rated value                         | A | 1    |
| <b>Operating current</b>                                |   |      |
| • with 2 current paths in series at DC-12               |   |      |
| — at 24 V rated value                                   | A | 10   |
| — at 60 V rated value                                   | A | 10   |
| — at 110 V rated value                                  | A | 4    |
| — at 220 V rated value                                  | A | 2    |
| — at 440 V rated value                                  | A | 1.3  |
| — at 600 V rated value                                  | A | 0.65 |
| • with 3 current paths in series at DC-12               |   |      |
| — at 24 V rated value                                   | A | 10   |
| — at 60 V rated value                                   | A | 10   |
| — at 110 V rated value                                  | A | 10   |
| — at 220 V rated value                                  | A | 3.6  |
| — at 440 V rated value                                  | A | 2.5  |
| — at 600 V rated value                                  | A | 1.8  |
| <b>Operating current</b>                                |   |      |
| • of auxiliary contacts at DC-13                        |   |      |
| — at 24 V   | A | 6    |
| — at 60 V   | A | 2    |
| — at 110 V  | A | 1    |
| — at 220 V  | A | 0.3  |
| • with 2 current paths in series at DC-13               |   |      |
| — at 24 V rated value                                   | A | 10   |
| — at 60 V rated value                                   | A | 3.5  |
| — at 110 V rated value                                  | A | 1.3  |

|   |   |      |
|---|---|------|
| — at 220 V rated value                    | A | 0.9  |
| — at 440 V rated value                    | A | 0.2  |
| — at 600 V rated value                    | A | 0.1  |
| • with 3 current paths in series at DC-13 |   |      |
| — at 24 V rated value                     | A | 10   |
| — at 60 V rated value                     | A | 4.7  |
| — at 110 V rated value                    | A | 3    |
| — at 220 V rated value                    | A | 1.2  |
| — at 440 V rated value                    | A | 0.5  |
| — at 600 V rated value                    | A | 0.26 |

#### Installation/ mounting/ dimensions:

|                      |    |                  |
|----------------------|----|------------------|
| <b>Mounting type</b> |    | snap-on mounting |
| <b>Width</b>         | mm | 10               |
| <b>Height</b>        | mm | 80               |
| <b>Depth</b>         | mm | 71               |

#### Connections/ Terminals:

|   |  |   |
|---|--|---|
| Type of electrical connection for auxiliary and control current circuit   |  | screw-type terminals  |
| <b>Type of connectable conductor cross-sections</b>   |  |   |
| <ul style="list-style-type: none"> <li>• for auxiliary contacts <ul style="list-style-type: none"> <li>— finely stranded</li> <li>— with core end processing</li> </ul> </li> <li>• at AWG conductors for auxiliary contacts</li> </ul> |  | 2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )<br>2x (20 ... 16), 2x (18 ... 14) |

#### Safety related data:

|   |  |           |
|---|--|-----------|
| <b>Product function Mirror contact acc. to IEC 60947-4-1</b>              |  | Yes       |
| <ul style="list-style-type: none"> <li>• Note</li> </ul>                  |  | with 3RT1 |
| <b>Product function positively driven operation acc. to IEC 60947-5-1</b> |  | No        |

#### Certificates/ approvals:

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



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**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

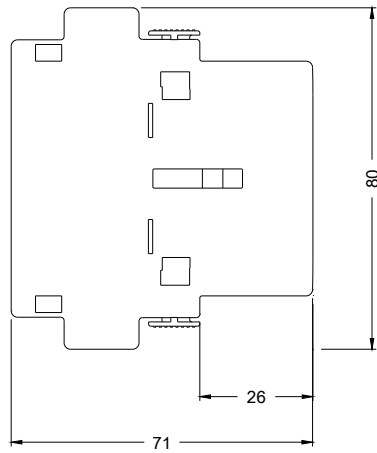
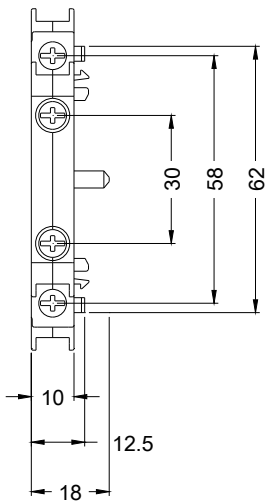
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**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

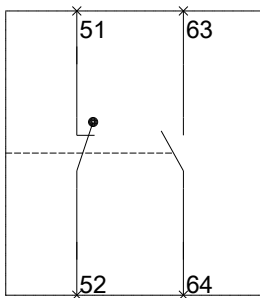
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**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RH19211EA11&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RH19211EA11&lang=en)



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