



LATERAL AUX.SWITCH BLOCK,SIDE, 1NO+1NC,
 CURR.PATH: 1NC, 1NO, FOR MOTOR
 CONTACTORS, SZ S0 AND S2 RING CABLE LUG
 CONNECTION R: 31/32, 43/44 L: 51/52, 63/64

General technical data:

| | | |
|---|----|--|
| product brand name | | SIRIUS |
| Suitability for use | | Contact 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, 1 mA) |
| Contact reliability of the auxiliary contacts | | 1 faulty switching per 100 million (17 V, 1 mA) |
| Insulation voltage with degree of pollution 3 Rated value | V | 690 |
| Surge voltage resistance Rated value | kV | 6 |

Auxiliary circuit:

| | | |
|---|---|----|
| Number of NC contacts for auxiliary contacts | | |
| • instantaneous contact | | 1 |
| • lagging switching | | 0 |
| Number of NO contacts for auxiliary contacts | | |
| • instantaneous contact | | 1 |
| • leading contact | | 0 |
| Operating current of the auxiliary contacts at AC-12 | | |
| • at 24 V | A | 10 |

| | | |
|---|---|------|
| • at 230 V | A | 10 |
| • maximum | A | 10 |
| Operating current | | |
| • of the 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 |
| Operating current | | |
| • 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 |
| Operating current | | |
| • of the 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
- at 60 V Rated value
- at 110 V Rated value
- at 220 V Rated value
- at 440 V Rated value
- at 600 V Rated value

| | |
|---|------|
| A | 10 |
| A | 4.7 |
| A | 3 |
| A | 1.2 |
| A | 0.5 |
| A | 0.26 |

Installation/ mounting/ dimensions:

| | | |
|----------------------|----|------------------|
| Mounting type | | snap-on mounting |
| Width | mm | 10 |
| Height | mm | 57.4 |
| Depth | mm | 66 |

Connections/ Terminals:

| | | |
|---|--|-----------------------|
| Type of electrical connection for auxiliary and control current circuit | | ring cable connection |
|---|--|-----------------------|

Safety related data:

| | | |
|---|--|-----------|
| Product function Mirror contact acc. to IEC 60947-4-1 | | Yes |
| • Note | | with 3RT2 |
| Product function positively driven operation acc. to IEC 60947-5-1 | | No |

Certificates/ approvals:

| | | |
|---------------------------------|----------------------------------|--------------------------|
| General Product Approval | Declaration of Conformity | Test Certificates |
|---------------------------------|----------------------------------|--------------------------|



| | |
|--------------------------|--------------------------|
| Test Certificates | Shipping Approval |
|--------------------------|--------------------------|



| | |
|--------------------------|--------------|
| Shipping Approval | other |
|--------------------------|--------------|



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&mfb=3RH29214DA11>

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

<http://support.automation.siemens.com/WW/view/en/3RH29214DA11/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RH29214DA11&lang=en>



