

ELECTRONIC AUXILIARY SWITCH DIN EN 50005
LATERAL, CAGE CLAMP CONN. 2 NC, SEALED, SIZE
S0...S3

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 |
| Contact reliability | | one incorrect switching operation of 100 million switching operations (17 V, 5 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 | 500 |
| Surge voltage resistance Rated value | kV | 6 |

Auxiliary circuit:

| | | |
|---|---|-----|
| Number of NC contacts for auxiliary contacts | | |
| • instantaneous contact | | 2 |
| Number of NO contacts for auxiliary contacts | | |
| • instantaneous contact | | 0 |
| Operating current | | |
| • of the auxiliary contacts at DC-13 | | |
| — at 24 V | A | 0.3 |
| — at 60 V | A | 0.3 |

Installation/ mounting/ dimensions:

| | | |
|---------------|----|------------------|
| Mounting type | | snap-on mounting |
| Width | mm | 10 |
| Height | mm | 72.5 |
| Depth | mm | 71 |






Connections/ Terminals:




| | | |
|---|--|--|
| Type of electrical connection for auxiliary and control current circuit | | spring-loaded terminals |
| Type of connectable conductor cross-section | | |
| <ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — finely stranded <ul style="list-style-type: none"> — with core end processing — without core end processing • for AWG conductors for auxiliary contacts | | 2x (0.5 ... 1.5 mm ²) 2x (0.5 ... 2.5 mm ²) 2x (20 ... 14) |

Safety related data:

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

Certificates/ approvals:

| General Product Approval | Functional Safety/Safety of Machinery | Declaration of Conformity |
|--|---|---|
|  CCC |  UL |  EG-Konf. |
|  CSA | Type Examination | |
|  EAC | | |

| Test Certificates | Shipping Approval | other |
|--|---|---|
| Special Test Certificate |  ABS | Environmental Confirmations |
| |  GL | |
| |  RMRS | |

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=3RH19212EE02>

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

<http://support.automation.siemens.com/WW/view/en/3RH19212EE02/all>

