



AUX. SWITCH BLOCK, 1NO+1NC,
 DIN EN50005, Laterally,
 10 mm screw connection, size S0...S12,
 for contactors for switching motors,
 2-pole

| 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 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 | |

| | | |
|--|---|------|
| <ul style="list-style-type: none"> instantaneous contact | | 1 |
| Number of NO contacts / for auxiliary contacts | | |
| <ul style="list-style-type: none"> instantaneous contact | | 1 |
| Operating current / of the auxiliary contacts / at AC-12 | | |
| <ul style="list-style-type: none"> at 24 V | A | 10 |
| <ul style="list-style-type: none"> at 230 V | A | 10 |
| <ul style="list-style-type: none"> maximum | A | 10 |
| Operating current | | |
| <ul style="list-style-type: none"> of the auxiliary contacts <ul style="list-style-type: none"> at AC-14 <ul style="list-style-type: none"> at 125 V at 250 V at AC-15 <ul style="list-style-type: none"> at 24 V at 230 V at 400 V at AC-15 / at 690 V | A | 6 |
| | A | 6 |
| | A | 6 |
| | A | 6 |
| | A | 3 |
| | A | 1 |
| Operating current | | |
| <ul style="list-style-type: none"> with 2 current paths in series / at DC-12 <ul style="list-style-type: none"> 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 with 3 current paths in series / at DC-12 <ul style="list-style-type: none"> 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 | 10 |
| | A | 4 |
| | A | 2 |
| | A | 1.3 |
| | A | 0.65 |
| | A | 10 |
| | A | 10 |
| | A | 10 |
| | A | 3.6 |
| | A | 2.5 |
| | A | 1.8 |
| Operating current | | |
| <ul style="list-style-type: none"> of the auxiliary contacts / at DC-13 <ul style="list-style-type: none"> at 24 V at 60 V at 110 V at 220 V with 2 current paths in series / at DC-13 <ul style="list-style-type: none"> at 24 V / Rated value | A | 6 |
| | A | 2 |
| | A | 1 |
| | A | 0.3 |
| | A | 10 |

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

- 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
- 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 | 3.5 |
| A | 1.3 |
| A | 0.9 |
| A | 0.2 |
| A | 0.1 |
| 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 | 80 |
| Depth | mm | 71 |

Connections/ terminals:

| | | |
|--|--|---|
| Design of the electrical connection | | screw-type terminals |
| <ul style="list-style-type: none"> • for auxiliary and control current circuit | | |
| 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 • for AWG conductors / for auxiliary contacts | | 2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) 2x (20 ... 16), 2x (18 ... 14) |

Safety:

| | | |
|---|--|-----------|
| 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



CSA



UL

[Type Examination](#)



EG-Konf.

Test Certificates

[Special Test
Certificate](#)

Shipping Approval



ABS



BUREAU
VERITAS



GL



LRS



RINA



RMRS

other

[Environmental
Confirmations](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator

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

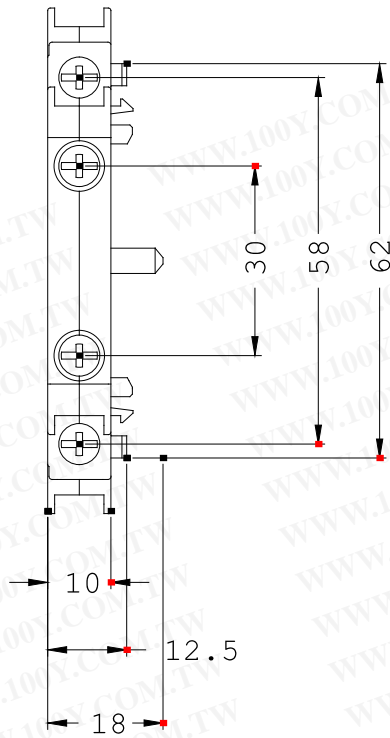
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RH1921-1EA11/all>

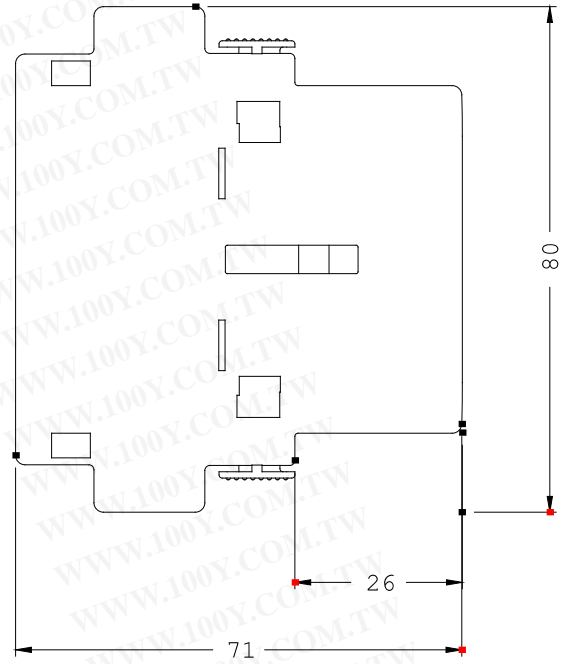
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RH1921-1EA11

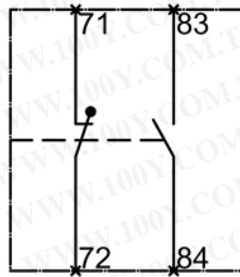
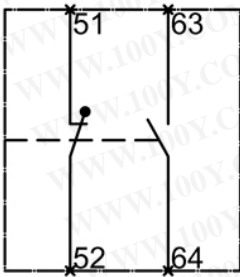
勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



Links



Rechts



last change:

Nov 22, 2014

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)