

CONTACTOR RELAY, 6NO+2NC, W. PERMANENT. JOINTED  
AUXILIARY SWITCH BLOCK 24V DC, SIZE S00, CAGE CLAMP  
CONNECTION, SIZE S00



Figure similar

|                                            |                           |
|--------------------------------------------|---------------------------|
| product brandname                          | SIRIUS                    |
| Product designation                        | contactor relay           |
| General technical data                     |                           |
| Size of contactor                          | S00                       |
| Product extension                          |                           |
| • Auxiliary switch                         | No                        |
| Insulation voltage                         |                           |
| • with degree of pollution 3 rated value   | 690 V                     |
| Degree of pollution                        | 3                         |
| Surge voltage resistance rated value       | 6 kV                      |
| Protection class IP                        |                           |
| • on the front                             | IP20                      |
| Shock resistance                           | 10g / 5 ms and 5g / 10 ms |
| Mechanical service life (switching cycles) |                           |
| • of contactor typical                     | 10 000 000                |
| Equipment marking                          |                           |
| • acc. to DIN EN 61346-2                   | K                         |

## Ambient conditions

|                                                                |                |
|----------------------------------------------------------------|----------------|
| <b>Installation altitude at height above sea level maximum</b> | 2 000 m        |
| <b>Ambient temperature</b>                                     |                |
| • during operation                                             | -25 ... +60 °C |
| • during storage                                               | -55 ... +80 °C |
| • during transport                                             | -55 ... +80 °C |

## Control circuit/ Control

|                                                                                       |             |
|---------------------------------------------------------------------------------------|-------------|
| <b>Type of voltage of the control supply voltage</b>                                  | DC          |
| <b>Control supply voltage at DC</b>                                                   |             |
| • rated value                                                                         | 24 V        |
| <b>Operating range factor control supply voltage rated value of magnet coil at DC</b> | 0.8 ... 1.1 |
| <b>Closing power of magnet coil at DC</b>                                             | 3.2 W       |
| <b>Holding power of magnet coil at DC</b>                                             | 3.2 W       |

## Auxiliary circuit

|                                                                |      |
|----------------------------------------------------------------|------|
| <b>Number of NC contacts</b>                                   |      |
| • for auxiliary contacts                                       | 2    |
| — instantaneous contact                                        | 2    |
| — delayed switching                                            | 0    |
| — lagging switching                                            | 0    |
| — make-before-break switching                                  | 0    |
| <b>Number of NO contacts</b>                                   |      |
| • for auxiliary contacts                                       | 6    |
| — instantaneous contact                                        | 6    |
| — delayed switching                                            | 0    |
| — leading contact                                              | 0    |
| — make-before-break switching                                  | 0    |
| <b>Number of CO contacts</b>                                   |      |
| • for auxiliary contacts                                       | 0    |
| • of auxiliary contacts instantaneous contact                  | 0    |
| <b>Identification number and letter for switching elements</b> | 62 E |
| <b>Operating current at AC-12 maximum</b>                      | 10 A |
| <b>Operating current at AC-15</b>                              |      |
| • at 230 V rated value                                         | 6 A  |
| • at 400 V rated value                                         | 3 A  |
| • at 500 V rated value                                         | 2 A  |
| • at 690 V rated value                                         | 1 A  |
| <b>Operating current at 1 current path at DC-12</b>            |      |

|                                                                                                                                                                                             |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 110 V rated value</li> <li>• at 220 V rated value</li> </ul>                                                     | 10 A<br>3 A<br>1 A                              |
| <b>Operating current at 1 current path at DC-13</b> <ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 110 V rated value</li> <li>• at 220 V rated value</li> </ul> | 10 A<br>1 A<br>0.27 A                           |
| <b>Contact reliability of auxiliary contacts</b>                                                                                                                                            | 1 faulty switching per 100 million (17 V, 1 mA) |

#### Short-circuit protection

|                                                                                                                                                  |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Design of the fuse link</b> <ul style="list-style-type: none"> <li>• for short-circuit protection of the auxiliary switch required</li> </ul> | fuse gL/gG: 10 A |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------|

#### Installation/ mounting/ dimensions

|                                                                                                                                                                         |                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mounting position</b>                                                                                                                                                | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface |
| <b>Mounting type</b>                                                                                                                                                    | screw and snap-on mounting                                                                                                           |
| <b>Height</b>                                                                                                                                                           | 60 mm                                                                                                                                |
| <b>Width</b>                                                                                                                                                            | 45 mm                                                                                                                                |
| <b>Depth</b>                                                                                                                                                            | 114 mm                                                                                                                               |
| <b>Required spacing</b> <ul style="list-style-type: none"> <li>• with side-by-side mounting <ul style="list-style-type: none"> <li>— at the side</li> </ul> </li> </ul> | 0 mm                                                                                                                                 |

#### Connections/Terminals

|                                                                                                                                                                                                                                                                                                                                                          |                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Type of electrical connection</b> <ul style="list-style-type: none"> <li>• for auxiliary and control current circuit</li> </ul>                                                                                                                                                                                                                       | Cage Clamp 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>— solid</li> <li>— finely stranded with core end processing</li> <li>— finely stranded without core end processing</li> </ul> </li> <li>• at AWG conductors for auxiliary contacts</li> </ul> | 2x (0.25 ... 2.5 mm²)<br>2x (0.25 ... 1.5 mm²)<br>2x (0.25 ... 2.5 mm²)<br><br>2x (24 ... 14) |

#### Safety related data

|                                                                                                                                                                                     |                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>B10 value</b> <ul style="list-style-type: none"> <li>• with high demand rate acc. to SN 31920</li> </ul>                                                                         | 1 000 000; With 0.3 x I <sub>e</sub> |
| <b>Proportion of dangerous failures</b> <ul style="list-style-type: none"> <li>• with low demand rate acc. to SN 31920</li> <li>• with high demand rate acc. to SN 31920</li> </ul> | 40 %<br>75 %                         |
| <b>T1 value for proof test interval or service life acc. to IEC 61508</b>                                                                                                           | 20 y                                 |

## Certificates/approvals

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



CCC



CSA



UL



[Baumusterbescheinigung](#)



EG-Konf.

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

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ABS



GL



RMRS

[Umweltbestätigung](#)

| other |
|-------|
|-------|

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## Further information

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

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

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH1262-2BB40>

**Cax online generator**

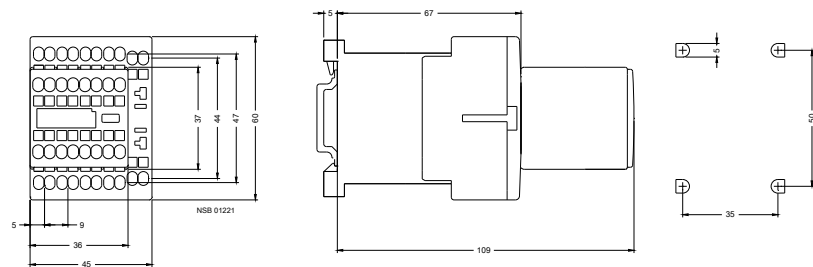
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1262-2BB40>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH1262-2BB40>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH1262-2BB40&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1262-2BB40&lang=en)



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