

CONTACTOR RELAY 22E EN 50 011 2NO+2NC, SCREW  
TERMINALS DIODE INCORPORATED DC OPERATION, COIL 2W  
DC 24V



Figure similar

| General technical data:                                                             |                |
|-------------------------------------------------------------------------------------|----------------|
| Size of contactor                                                                   | 0              |
| Ambient temperature during operation                                                | -25 ... +55 °C |
| Protection class IP on the front                                                    | IP20           |
| Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | K              |
| Equipment marking acc. to DIN EN 61346-2                                            | K              |
| Equipment marking acc. to DIN EN 81346-2                                            | K              |
| Control circuit/ Control:                                                           |                |
| Type of voltage of the control supply voltage                                       | DC             |
| Control supply voltage                                                              | 24 V           |
| • at DC                                                                             |                |
| — rated value                                                                       |                |
| Auxiliary circuit:                                                                  |                |
| Operating current at AC-15                                                          | 4 A            |
| • at 230 V rated value                                                              |                |
| • at 400 V rated value                                                              |                |

|                                                         |      |
|---------------------------------------------------------|------|
| Identification number and letter for switching elements | 22 E |
| Number of NC contacts for auxiliary contacts            | 2    |
| • lagging switching                                     | 0    |
| • delayed switching                                     | 0    |
| • make-before-break switching                           | 0    |
| Number of NO contacts for auxiliary contacts            | 2    |
| • delayed switching                                     | 0    |
| • leading contact                                       | 0    |
| • make-before-break switching                           | 0    |
| Number of CO contacts for auxiliary contacts            | 0    |

#### Connections/ Terminals:

|                                                                         |                      |
|-------------------------------------------------------------------------|----------------------|
| Design of the surge suppressor                                          | with diode           |
| Type of electrical connection for auxiliary and control current circuit | screw-type terminals |

#### Mechanical data:

|               |                                                                                        |
|---------------|----------------------------------------------------------------------------------------|
| Mounting type | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 |
| Width         | 45 mm                                                                                  |
| Height        | 48 mm                                                                                  |
| Depth         | 68 mm                                                                                  |

#### Certificates/approvals

| General Product Approval                                                                   | Functional Safety/Safety of Machinery                                                      | Declaration of Conformity                                                                         |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <br>CCC | <br>EAC | <br>EG-Konf. |
| <br>CSA | <a href="#">Baumusterbescheinigung</a>                                                     |                                                                                                   |
| <br>UL  |                                                                                            |                                                                                                   |

| Test Certificates                                 | Shipping Approval                                                                             | other                             |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------|
| <a href="#">Typprüfbescheinigung/Werkszeugnis</a> | <br>LRS    | <a href="#">Umweltbestätigung</a> |
| <a href="#">spezielle Prüfbescheinigungen</a>     | <br>RMRS |                                   |
| <a href="#">sonstig</a>                           |                                                                                               |                                   |

#### Safety related data:

|                                                  |                           |
|--------------------------------------------------|---------------------------|
| Protection against electrical shock              | finger-safe               |
| B10 value with high demand rate acc. to SN 31920 | 400 000                   |
| • Note                                           | With 0.3 x I <sub>e</sub> |

T1 value for proof test interval or service life acc. to  
IEC 61508

20 y

#### 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=3TH2022-0JB4>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH2022-0JB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2022-0JB4>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH2022-0JB4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH2022-0JB4&lang=en)

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