



CONTACTOR RELAY 100E EN 50 011 10 NO,  
SCREW TERMINALS DC OPERATION DC SOLENOID  
SYSTEM DC 220V

### General details:

|                                                                                 |    |             |
|---------------------------------------------------------------------------------|----|-------------|
| <b>Size of the contactor</b>                                                    |    | 0           |
| <b>Ambient temperature</b>                                                      |    |             |
| • during operating                                                              | °C | -25 ... +55 |
| <b>Protection class IP / on the front</b>                                       |    | IP20        |
| <b>Reference code</b>                                                           |    |             |
| • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 |    | K           |
| • according to DIN EN 61346-2                                                   |    | K           |
| • according to DIN EN 81346-2                                                   |    | K           |

### Control circuit:

|                                               |   |     |
|-----------------------------------------------|---|-----|
| <b>Voltage type / of control feed voltage</b> |   | DC  |
| <b>Control supply voltage</b>                 |   |     |
| • for DC / rated value                        | V | 220 |

### Auxiliary circuit:

|                                                                |   |       |
|----------------------------------------------------------------|---|-------|
| <b>Operating current / at AC-15</b>                            |   |       |
| • at 230 V / rated value                                       | A | 10    |
| • at 400 V / rated value                                       | A | 6     |
| <b>Identification number and letter for switching elements</b> |   | 100 E |

|                                                               |  |    |
|---------------------------------------------------------------|--|----|
| <b>Number of NC contacts / for auxiliary contacts</b>         |  | 0  |
| • lagging switching                                           |  | 0  |
| • delayed switching                                           |  | 0  |
| • asynchronous switching                                      |  | 0  |
| <b>Number of NO contacts / for auxiliary contacts</b>         |  | 10 |
| • leading switching                                           |  | 0  |
| • delayed switching                                           |  | 0  |
| • asynchronous switching                                      |  | 0  |
| <b>Number of changeover contacts / for auxiliary contacts</b> |  | 0  |

#### Connection type:

**Design of the electrical connection / for auxiliary and control current circuit**

screw-type terminals

#### Mechanical design:

**Mounting type**

screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022

**Width**

mm 55

**Height**

mm 78

**Depth**

mm 135

#### Certificates/approvals:

**General Product Approval**

**Functional Safety / Safety of Machinery**



[Type Examination](#)

#### Test Certificates

[other](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

#### Shipping Approval



[other](#)

[Declaration of Conformity](#)

[other](#)

[Environmental Confirmations](#)

#### Safety:

**Protection against electrical shock**

finger-safe

**B10 value / with high demand rate**

• according to SN 31920

1,000,000

• note

With 0.3 x I<sub>e</sub>

T1 value / for proof test interval or service life / according to IEC 61508

a

20

#### 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

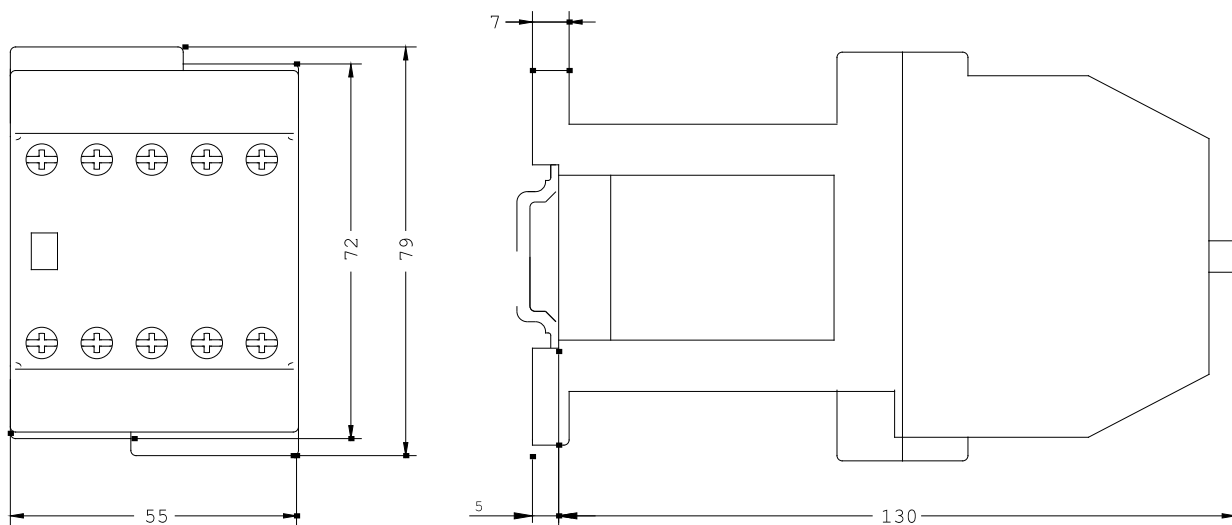
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3TH4310-0BM4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TH4310-0BM4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH4310-0BM4)



last change:

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