



CONTACTOR RELAY 100E EN 50 011 10 NO,  
SCREW TERMINALS DC OPERATION DC SOLENOID  
SYSTEM DC 60V

| General details:                                                                |    |             |
|---------------------------------------------------------------------------------|----|-------------|
| Size of the contactor                                                           |    | 0           |
| Ambient temperature                                                             |    |             |
| • during operating                                                              | °C | -25 ... +55 |
| Protection class IP / on the front                                              |    | IP20        |
| Reference code                                                                  |    |             |
| • 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:                       |   |    |
|----------------------------------------|---|----|
| Voltage type / of control feed voltage |   | DC |
| Control supply voltage                 |   |    |
| • for DC / rated value                 | V | 60 |

| Auxiliary circuit:                                      |   |       |
|---------------------------------------------------------|---|-------|
| Operating current / at AC-15                            |   |       |
| • at 230 V / rated value                                | A | 10    |
| • at 400 V / rated value                                | A | 6     |
| Identification number and letter for switching elements |   | 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  $0.3 \times I_e$

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

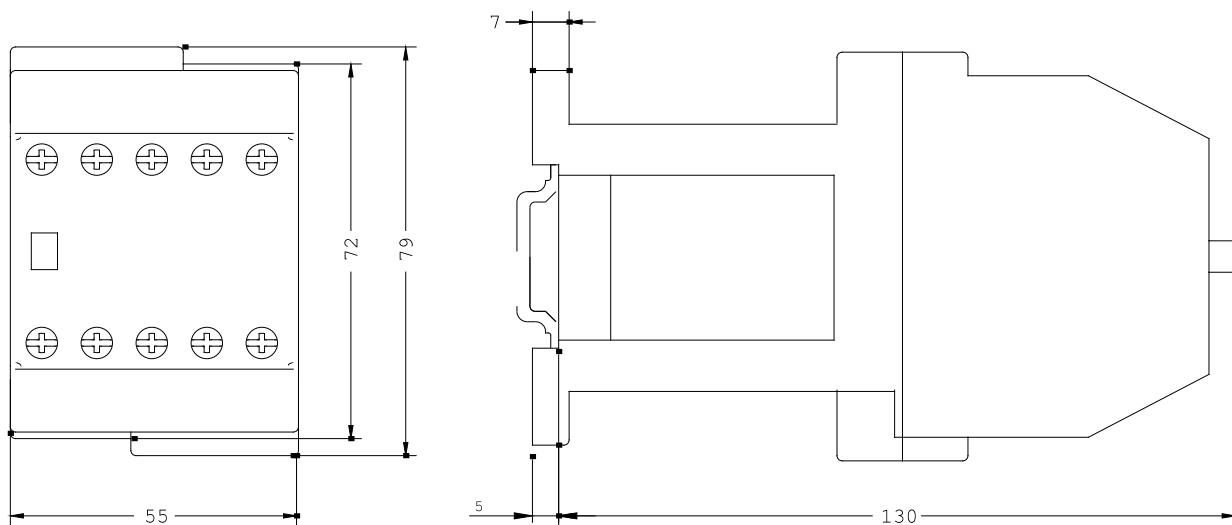
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3TH4310-0BE4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TH4310-0BE4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH4310-0BE4)



last change:

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