



CONT. RELAY 44E DIN EN 50 011 4NO+4NC,  
SCREW CONNECTION WIDTH 90 MM ALT. CURRENT  
ACTUATION 120 V AC 60 HZ/110 V AC 50 HZ

| General details:                                                                                                                                                                                                     |    |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------|
| Size of the contactor                                                                                                                                                                                                |    | 0           |
| Ambient temperature <ul style="list-style-type: none"><li>during operating</li></ul>                                                                                                                                 | °C | -25 ... +55 |
| Protection class IP / on the front                                                                                                                                                                                   |    | IP00        |
| Reference code <ul style="list-style-type: none"><li>according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</li><li>according to DIN EN 61346-2</li><li>according to DIN EN 81346-2</li></ul> |    | K<br>K<br>K |

| Control circuit:                                                                                                                             |          |            |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|
| Voltage type / of control feed voltage                                                                                                       |          | AC         |
| Control supply voltage frequency <ul style="list-style-type: none"><li>1</li><li>2</li></ul>                                                 | Hz<br>Hz | 50<br>60   |
| Control supply voltage <ul style="list-style-type: none"><li>at 50 Hz / at AC / rated value</li><li>at 60 Hz / at AC / rated value</li></ul> | V<br>V   | 110<br>120 |

| Auxiliary circuit: |  |  |
|--------------------|--|--|
|--------------------|--|--|

|                                                                                                                                 |   |      |
|---------------------------------------------------------------------------------------------------------------------------------|---|------|
| <b>Operating current / at AC-15</b><br>• at 230 V / rated value<br>• at 400 V / rated value                                     | A | 4    |
|                                                                                                                                 | A | 3    |
| <b>Identification number and letter for switching elements</b>                                                                  |   | 44 E |
| <b>Number of NC contacts / for auxiliary contacts</b><br>• lagging switching<br>• delayed switching<br>• asynchronous switching |   | 4    |
|                                                                                                                                 |   | 0    |
|                                                                                                                                 |   | 0    |
|                                                                                                                                 |   | 0    |
| <b>Number of NO contacts / for auxiliary contacts</b><br>• leading switching<br>• delayed switching<br>• asynchronous switching |   | 4    |
|                                                                                                                                 |   | 0    |
|                                                                                                                                 |   | 0    |
|                                                                                                                                 |   | 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 90

**Height**

mm 36

**Depth**

mm 68

#### Certificates/approvals:

**General Product Approval**

**Functional Safety /  
Safety of  
Machinery**

**Declaration of  
Conformity**



CCC



CSA



UL

[Type Examination](#)



EG-Konf.

**Test Certificates**

**Shipping Approval**

[other](#)

[Special Test  
Certificate](#)

[Type Test  
Certificates/Test  
Report](#)



DNV



GL



LRS

**other**

[Declaration of  
Conformity](#)

[other](#)

[Environmental  
Confirmations](#)

#### Safety:

**Protection against electrical shock**

finger-safe

**B10 value / with high demand rate**

- according to SN 31920

- note

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

|   |               |
|---|---------------|
|   | 400,000       |
|   | With 0.3 x Ie |
| 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/3TH2144-0AK6/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TH2144-0AK6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH2144-0AK6)

**last change:**

Jun 16, 2014