



CONT. RELAY 44E DIN EN 50 011 4NO+4NC,  
SCREW CONNECTION WIDTH 90 MM ALT. CURRENT  
ACTUATION 230 V AC 50 HZ,  
277 V 60 HZ

### 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>		IP00
<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>		AC
<b>Control supply voltage frequency</b>		
• 1	Hz	50
• 2	Hz	60
<b>Control supply voltage</b>		
• at 50 Hz / at AC / rated value	V	230
• at 60 Hz / at AC / rated value	V	277

### Auxiliary circuit:

<b>Operating current / at AC-15</b>		
• at 230 V / rated value	A	4
• at 400 V / rated value	A	3
<b>Identification number and letter for switching elements</b>		44 E
<b>Number of NC contacts / for auxiliary contacts</b>		4
• lagging switching		0
• delayed switching		0
• asynchronous switching		0
<b>Number of NO contacts / for auxiliary contacts</b>		4
• 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 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/3TH2144-0AP0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TH2144-0AP0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH2144-0AP0)

**last change:**

Jun 16, 2014