



CONT. RELAY 91E DIN EN 50011 9NO+1NC,  
SCREW CONNECTION DIR. CURRENT ACTUATING DC  
MAGNET SYSTEM INTEGR. VARISTOR

General details:		
<b>Size of the contactor</b>		0
<b>Ambient temperature</b>		
• during operating	°C	-40 ... +70
<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	24
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>		91 E

<b>Number of NC contacts / for auxiliary contacts</b>		1
• lagging switching		0
• delayed switching		0
• asynchronous switching		0
<b>Number of NO contacts / for auxiliary contacts</b>		9
• leading switching		0
• delayed switching		0
• asynchronous switching		0
<b>Number of changeover contacts / for auxiliary contacts</b>		0

#### Connection type:

<b>Design of the surge suppressor</b>		with varistor
<b>Design of the electrical connection / for auxiliary and control current circuit</b>		screw-type terminals

#### Mechanical design:

<b>Mounting type</b>		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>Width</b>	mm	55
<b>Height</b>	mm	78
<b>Depth</b>	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:

<b>Protection against electrical shock</b>		finger-safe
<b>B10 value / with high demand rate</b>		1,000,000 With 0.3 x I <sub>e</sub>
• according to SN 31920		
• note		
<b>T1 value / for proof test interval or service life / according to IEC 61508</b>	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**

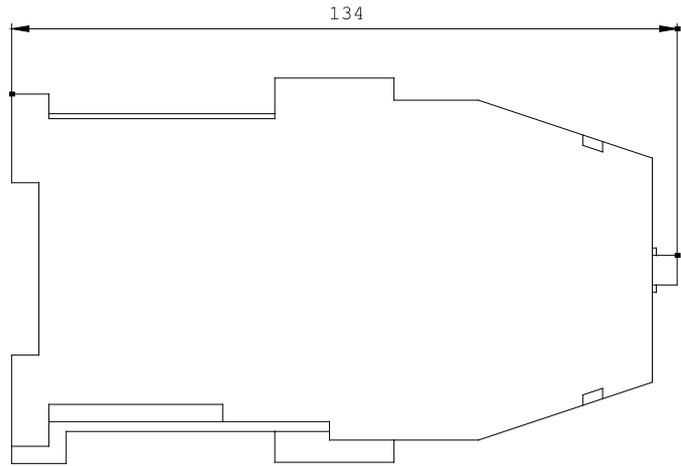
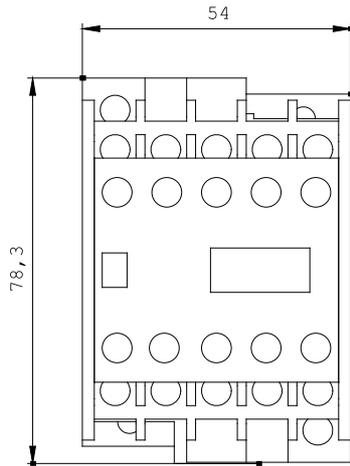
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3TH4391-0LB4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TH4391-0LB4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH4391-0LB4)



\\W9.4444;  
\\W9.25; 3TH439

**last change:**

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