

Contactor relay, 91E, EN 50011, 9 NO + 1 NC, screw terminal, AC operation, 110 V AC 50 Hz/132 V AC 60 Hz



Figure similar

Product designation	Auxiliary contactor
Product type designation	3TH4
Size of contactor	0
Protection class IP on the front	IP20
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Reference code acc. to DIN EN 81346-2	K
Reference code acc. to DIN EN 61346-2	K
Ambient temperature during operation	-25 ... +55 °C
Type of voltage of the control supply voltage	AC
Control supply voltage at AC <ul style="list-style-type: none"><li>• at 50 Hz rated value</li><li>• at 60 Hz rated value</li></ul>	110 V 132 V
Control supply voltage frequency <ul style="list-style-type: none"><li>• 1 rated value</li><li>• 2 rated value</li></ul>	50 Hz 60 Hz
Number of NC contacts for auxiliary contacts <ul style="list-style-type: none"><li>• delayed switching</li></ul>	1 0

• lagging switching	0
• make-before-break switching	0
<b>Number of NO contacts for auxiliary contacts</b>	9
• delayed switching	0
• leading contact	0
• make-before-break switching	0
<b>Number of CO contacts for auxiliary contacts</b>	0
<b>Identification number and letter for switching elements</b>	91 E
<b>Operating current at AC-15</b>	
• at 230 V rated value	10 A
• at 400 V rated value	6 A
<b>Mounting type</b>	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>Height</b>	78 mm
<b>Width</b>	55 mm
<b>Depth</b>	102 mm
Type of electrical connection for auxiliary and control current circuit	screw-type terminals
B10 value with high demand rate acc. to SN 31920	1 000 000; With 0.3 x I <sub>e</sub>
<b>T1 value for proof test interval or service life acc. to IEC 61508</b>	20 y
<b>Protection against electrical shock</b>	finger-safe

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH4391-0AF0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4391-0AF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4391-0AF0>

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

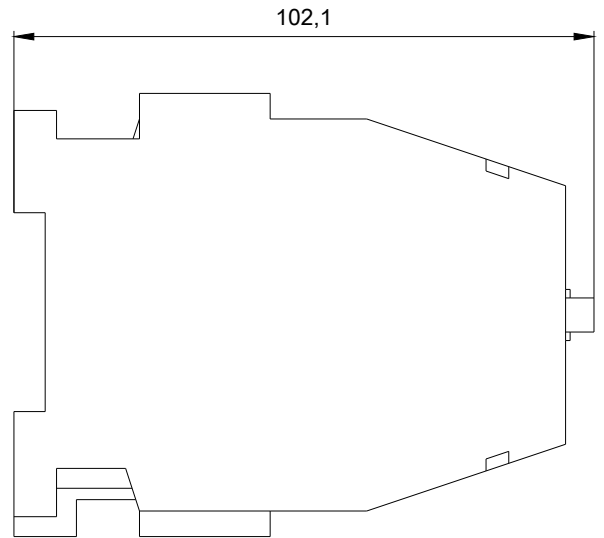
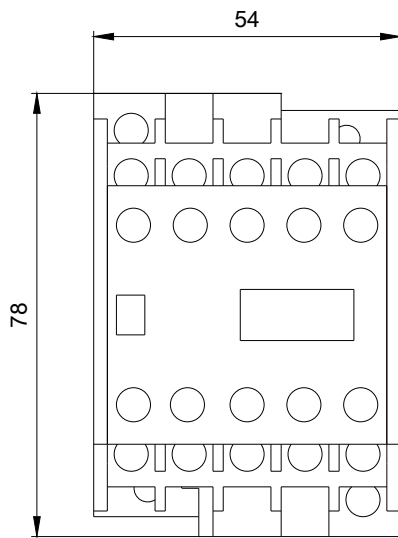
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH4391-0AF0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4391-0AF0&lang=en)

**Characteristic: Tripping characteristics, I<sub>t</sub>, Let-through current**

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4391-0AF0/char>

**Further characteristics (e.g. electrical endurance, switching frequency)**

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4391-0AF0&objecttype=14&gridview=view1>



W9.4444; 3TH4391-0AF0  
W9.2917; 3TH4391-0AF0

last modified:

11/08/2018