



Figure similar

Contactor relay, 91E, EN 50011, 9 NO + 1 NC, screw terminal, AC operation, 230 V AC 50/60 Hz

<b>product designation</b>	Auxiliary contactor
<b>product type designation</b>	3TH4
<b>size of contactor</b>	0
<b>reference code according to IEC 81346-2</b>	K
<b>Substance Prohibition (Date)</b>	12/31/2099
ambient temperature during operation	-25 ... +55 °C
<b>type of voltage of the control supply voltage</b>	AC
<b>control supply voltage at AC</b>	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V
<b>control supply voltage frequency</b>	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
<b>number of NC contacts for auxiliary contacts</b>	1
• delayed switching	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
number of CO contacts for auxiliary contacts	0
<b>identification number and letter for switching elements</b>	91 E
<b>operational current at AC-15</b>	
• at 230 V rated value	10 A
• at 400 V rated value	6 A
<b>fastening method</b>	screw and snap-on mounting onto 35 mm DIN 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 circuit	screw-type terminals
<b>Safety related data</b>	
<b>B10 value with high demand rate according to SN 31920</b>	1 000 000; With 0.3 x Ie
IEC 61508	
<b>T1 value</b>	
• for proof test interval or service life according to IEC 61508	20 a
<b>Electrical Safety</b>	
<b>protection class IP on the front according to IEC 60529</b>	IP00; IP20 with screws tightened, even for contacts not in use

## Approvals Certificates

### General Product Approval



[KC](#)



Functional Safety	Test Certificates				other
<a href="#">Type Examination Certificate</a>	<a href="#">Miscellaneous</a>	<a href="#">Special Test Certificate</a>	<a href="#">Type Test Certificates/Test Report</a>	<a href="#">Miscellaneous</a>	<a href="#">Confirmation</a>

Railway	Environment
<a href="#">Special Test Certificate</a>	<a href="#">Environmental Confirmations</a>

### Further information

#### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

#### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH4391-0AL2>

#### Cax online generator

<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3TH4391-0AL2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4391-0AL2>

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

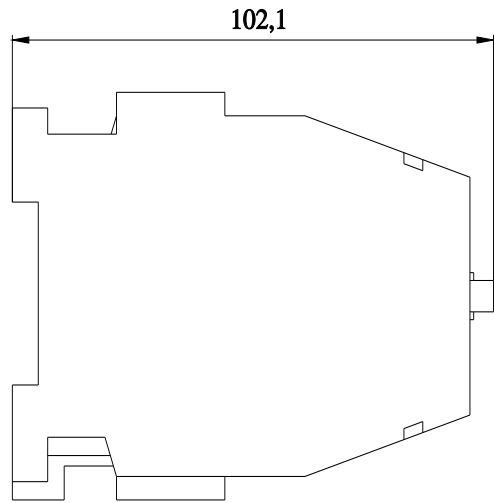
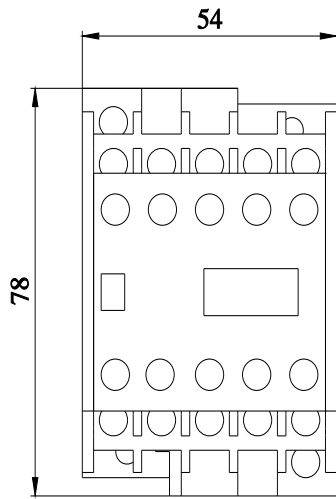
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH4391-0AL2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4391-0AL2&lang=en)

#### Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4391-0AL2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4391-0AL2&objecttype=14&gridview=view1>



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