



Figure similar

Contact relay, 44E, DIN EN 50011, 4 NO + 4 NC, screw terminal AC operation  
230 V AC 50 Hz, 277 V 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
<b>ambient temperature during operation</b>	-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	277 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>	3
• delayed switching	0
• lagging switching	1
• make-before-break switching	1
<b>number of NO contacts for auxiliary contacts</b>	3
• delayed switching	0
• leading contact	1
• make-before-break switching	1
<b>number of CO contacts for auxiliary contacts</b>	0
<b>identification number and letter for switching elements</b>	44 E, 1U
<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>	45 mm
<b>depth</b>	102 mm
<b>type of electrical connection for auxiliary and control circuit</b>	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 I <sub>e</sub>
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					Functional Safety
	 EG-Konf.	 CCC	 UL		<a href="#">Type Examination Certificate</a>

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

## Environment

[Environmental Conformations](#)

## 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=3TH4293-0AP0>

### Cax online generator

<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3TH4293-0AP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4293-0AP0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH4293-0AP0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4293-0AP0&lang=en)

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4293-0AP0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4293-0AP0&objecttype=14&gridview=view1>



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