

Contactor relay, 100E, EN 50011 10 NO, screw terminal, DC operation, 12 V DC



Figure similar

<b>product designation</b>	Auxiliary contactor
<b>product type designation</b>	3TH4
<b>Size of contactor</b>	0
protection class IP on the front	IP20
<b>reference code acc. to DIN EN 81346-2</b>	K
<ul style="list-style-type: none"> <li>• ambient temperature during operation</li> </ul>	-25 ... +55 °C
<b>Type of voltage of the control supply voltage</b>	DC
<b>control supply voltage at DC</b>	
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	12 V
<ul style="list-style-type: none"> <li>• <b>number of NC contacts for auxiliary contacts</b></li> </ul>	0
<ul style="list-style-type: none"> <li>• Number of NC contacts for auxiliary contacts delayed switching</li> </ul>	0
<ul style="list-style-type: none"> <li>• Number of NC contacts for auxiliary contacts lagging switching</li> </ul>	0
<ul style="list-style-type: none"> <li>• Number of NC contacts for auxiliary contacts make-before-break switching</li> </ul>	0
<ul style="list-style-type: none"> <li>• <b>number of NO contacts for auxiliary contacts</b></li> </ul>	10

<ul style="list-style-type: none"> <li>• Number of NO contacts for auxiliary contacts delayed switching</li> </ul>	0
<ul style="list-style-type: none"> <li>• Number of NO contacts for auxiliary contacts leading contact</li> </ul>	0
<ul style="list-style-type: none"> <li>• Number of NO contacts for auxiliary contacts make-before-break switching</li> </ul>	0
number of CO contacts for auxiliary contacts	0
<b>Identification number and letter for switching elements</b>	100 E
<b>Operating current at AC-15</b>	
<ul style="list-style-type: none"> <li>• at 230 V rated value</li> </ul>	10 A
<ul style="list-style-type: none"> <li>• at 400 V rated value</li> </ul>	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>	135 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,...)

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

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH4310-0BA4>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4310-0BA4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4310-0BA4>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH4310-0BA4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4310-0BA4&lang=en)

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH4310-0BA4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4310-0BA4&objecttype=14&gridview=view1>

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