



Figure similar

Contactor relay, 31E, EN 50011, 3 NO + 1 NC, Screw terminal Diode or varistor attachable 24 V DC DC operation, 1.2 W No additional auxiliary contacts !!! Phased-out product !!! Successor is SIRIUS 3RH21

<b>product designation</b>	Auxiliary contactor
<b>product type designation</b>	3TH2
<b>size of contactor</b>	0
<b>reference code according to IEC 81346-2</b>	K
<b>Substance Prohibitance (Date)</b>	07/01/2006
<b>ambient temperature during operation</b>	-25 ... +55 °C
<b>type of voltage of the control supply voltage</b>	DC
<b>control supply voltage at DC</b>	
• rated value	24 V
<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>	3
• 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>	31 E
<b>operational current at AC-15</b>	
• at 230 V rated value	4 A
• at 400 V rated value	3 A
<b>fastening method</b>	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>height</b>	48 mm
<b>width</b>	45 mm
<b>depth</b>	68 mm
<b>type of electrical connection for auxiliary and control circuit</b>	screw-type terminals
<b>Safety related data</b>	
B10 value with high demand rate according to SN 31920	400 000; With 0.3 x Ie
T1 value for proof test interval or service life according to IEC 61508	20 y
<b>Further information</b>	
<b>Information- and Downloadcenter (Catalogs, Brochures,...)</b>	
<a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>	
<b>Industry Mall (Online ordering system)</b>	
<a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH2031-0FB4">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH2031-0FB4</a>	
<b>Cax online generator</b>	
<a href="http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&amp;mlfb=3TH2031-0FB4">http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&amp;mlfb=3TH2031-0FB4</a>	
<b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b>	
<a href="https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-0FB4">https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-0FB4</a>	

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH2031-0FB4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH2031-0FB4&lang=en)

**Characteristic: Tripping characteristics,  $I^2t$ , Let-through current**

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-0FB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH2031-0FB4&objecttype=14&gridview=view1>

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