



Figure similar

Contactor relay, 31E, EN 50011, 3 NO + 1 NC, Screw terminal AC operation 110 V AC 50 Hz/132 V AC 60 Hz !!! 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>	AC
<b>control supply voltage at AC</b>	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	132 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>	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 DIN 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 a
<b>Further information</b>	
<b>Information on the packaging</b>	
<a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a>	
<b>Information- and Downloadcenter (Catalogs, Brochures,...)</b>	
<a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>	

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH2031-0AF0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH2031-0AF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-0AF0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TH2031-0AF0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH2031-0AF0&lang=en)

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-0AF0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH2031-0AF0&objecttype=14&gridview=view1>

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