



Figure similar

Contactor relay, 31E, EN 50011, 3 NO + 1 NC, Screw terminal AC operation 120 V AC 60 Hz/110 V AC 50 Hz !!! Phased-out product !!! Successor is SIRIUS 3RH21

product designation	Auxiliary contactor
product type designation	3TH2
size of contactor	0
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	07/01/2006
ambient temperature during operation	-25 ... +55 °C
type of voltage of the control supply voltage	AC
control supply voltage at AC	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	120 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
number of NC contacts for auxiliary contacts	1
• delayed switching	0
• lagging switching	0
• make-before-break switching	0
number of NO contacts for auxiliary contacts	3
• delayed switching	0
• leading contact	0
• make-before-break switching	0
number of CO contacts for auxiliary contacts	0
identification number and letter for switching elements	31 E
operational current at AC-15	
• at 230 V rated value	4 A
• at 400 V rated value	3 A
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022
height	48 mm
width	45 mm
depth	68 mm
type of electrical connection for auxiliary and control circuit	screw-type terminals

Safety related data

B10 value with high demand rate according to SN 31920	400 000; With 0.3 x I _e
T1 value for proof test interval or service life according to IEC 61508	20 y

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?mfcb=3TH2031-0AK6>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH2031-0AK6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-0AK6>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH2031-0AK6&lang=en

Characteristic: Tripping characteristics, I_t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-0AK6/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH2031-0AK6&objecttype=14&gridview=view1>

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