

Contactor relay, 31E, EN 50011, 3 NO + 1 NC flat connector terminal
Snap-on mounting standard mounting rail 24 V DC DC operation !!!
Phased-out product !!! Successor is SIRIUS 3RH21

product designation	Auxiliary contactor
product type designation	3TH2
Size of contactor	0
protection class IP on the front	IP00
reference code acc. to DIN EN 81346-2	K
• ambient temperature during operation	-25 ... +55 °C
Type of voltage of the control supply voltage	DC
control supply voltage at DC	
• rated value	24 V
• number of NC contacts for auxiliary contacts	1
• Number of NC contacts for auxiliary contacts delayed switching	0
• Number of NC contacts for auxiliary contacts lagging switching	0
• Number of NC contacts for auxiliary contacts make-before-break switching	0
• number of NO contacts for auxiliary contacts	3
• Number of NO contacts for auxiliary contacts delayed switching	0
• Number of NO contacts for auxiliary contacts leading contact	0
• Number of NO contacts for auxiliary contacts make-before-break switching	0
number of CO contacts for auxiliary contacts	0
Identification number and letter for switching elements	31 E
Operating current at AC-15	
• at 230 V rated value	4 A
• at 400 V rated value	3 A
mounting type	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
height	48 mm
width	45 mm
depth	64.5 mm
type of electrical connection for auxiliary and control current circuit	tab terminals 6.3 mm
B10 value with high demand rate acc. to SN 31920	400 000; With 0.3 x I _e

T1 value for proof test interval or service life acc. to
IEC 61508

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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=3TH2031-3BB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH2031-3BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-3BB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH2031-3BB4&lang=en

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-3BB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH2031-3BB4&objecttype=14&gridview=view1>

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