



Figure similar

Contactor relay, 31E, EN 50011, 3 NO + 1 NC flat connector terminal AC operation 110 V AC 50 Hz/132 V AC 60 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	132 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	64.5 mm
type of electrical connection for auxiliary and control circuit	tab terminals 2x 2.8 mm
Safety related data	
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
Further information	
Information on the packaging	
https://support.industry.siemens.com/cs/ww/en/view/109813875	
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=3TH2031-1AF0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH2031-1AF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-1AF0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH2031-1AF0&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-1AF0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH2031-1AF0&objecttype=14&gridview=view1>

last modified:

11/21/2022 