

Contactor relay, 31E, EN 50011, 3 NO + 1 NC flat connector terminal Screw mounting (diagonal) 24 VDC DC operation, 2 CO Diode built-in !!! 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 Prohibitive (Date)	07/01/2006
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
design of the surge suppressor	diode
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 fixing
height	36 mm
width	50 mm
depth	64.5 mm
type of electrical connection for auxiliary and control circuit	tab terminals 6.3 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

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3TH2031-7JB4>

Cax online generator

<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3TH2031-7JB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-7JB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH2031-7JB4&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TH2031-7JB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH2031-7JB4&objecttype=14&gridview=view1>

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