



Figure similar

CONTACTOR RELAY 31E EN 50 011 3NO+1NC, SCREW
TERMINALS DC OPERATION DC SOLENOID SYSTEM DC 24V

General technical data:

Size of contactor	0
Ambient temperature during operation	-25 ... +55 °C
Protection class IP on the front	IP20
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Equipment marking acc. to DIN EN 61346-2	K
Equipment marking acc. to DIN EN 81346-2	K

Control circuit/ Control:

Type of voltage of the control supply voltage	DC
Control supply voltage	
<ul style="list-style-type: none"> • for DC — Rated value 	24 V

Auxiliary circuit:

Operating current at AC-15	
<ul style="list-style-type: none"> • at 230 V Rated value • at 400 V Rated value 	4 A 3 A
Identification number and letter for switching elements	31 E
Number of NC contacts for auxiliary contacts	1
<ul style="list-style-type: none"> • lagging switching • delayed switching • make-before-break switching 	0 0 0
Number of NO contacts for auxiliary contacts	

• delayed switching	0
• leading contact	0
• make-before-break switching	0
Number of CO contacts for auxiliary contacts	0

Connections/ Terminals:

Type of electrical connection for auxiliary and control current circuit	screw-type terminals
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Mechanical data:

Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
Width	45 mm
Height	48 mm
Depth	68 mm

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
 CCC	 UL	 EG-Konf.
 CSA	 EAC	Type Examination

Test Certificates	Shipping Approval	other
Special Test Certificate Type Test Certificates/Test Report other	 LRS  RMRS	Environmental Confirmations

other
other Declaration of Conformity

Safety related data:

Protection against electrical shock	finger-safe
B10 value with high demand rate acc. to SN 31920	400 000
• Note	With 0.3 x Ie
T1 value for proof test interval or service life acc. to IEC 61508	20 y

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3TH20310BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TH20310BB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3TH20310BB4&lang=en

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