

CONTACTOR RELAY 31E EN 50 011 3NO+1NC,
TAB CONNECTOR DIAGONAL SCREW MOUNTING
INCORPORATED DIODE DC OPERATION,
COIL 2W DC 24V



General details:		
Size of the contactor		0
Ambient temperature		
• during operating	°C	-25 ... +55
Protection class IP / on the front		IP00
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		K
• according to DIN EN 81346-2		K
Control circuit:		
Voltage type / of control feed voltage		DC
Control supply voltage		
• for DC / rated value	V	24
Auxiliary circuit:		
Operating current / at AC-15		
• at 230 V / rated value	A	4
• at 400 V / rated value	A	3
Identification number and letter for switching elements		31 E

Number of NC contacts / for auxiliary contacts		1
• lagging switching		0
• delayed switching		0
• asynchronous switching		0
Number of NO contacts / for auxiliary contacts		3
• leading switching		0
• delayed switching		0
• asynchronous switching		0
Number of changeover contacts / for auxiliary contacts		0

Connection type:

Design of the surge suppressor		with diode
Design of the electrical connection / for auxiliary and control current circuit		tab terminals 6.3 mm

Mechanical design:

Mounting type		screw fixing
Width	mm	50
Height	mm	36
Depth	mm	64.5

Certificates/approvals:

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

Test Certificates

[other](#)
[Special Test Certificate](#)
[Type Test Certificates/Test Report](#)

Shipping Approval

other



[Declaration of Conformity](#)

[Environmental Confirmations](#)

Safety:

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

Further information:

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

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

Industry Mall (Online ordering system)

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

Cax online generator

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

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

<http://support.automation.siemens.com/WW/view/en/3TH2031-7JB4/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH2031-7JB4

last change:

Jun 16, 2014