



Figure similar

CONT. RELAY 31Z DIN EN 50 011 3NO+1NC, SNAP-ON MOUNTING DIR. CURRENT ACTUATING WITH DIODE (SCHINDLER) 80 V DC

General technical data:

Size of contactor		0
Ambient temperature during operation	°C	-25 ... +55
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		
• for DC		
— Rated value	V	80

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 Z
Number of NC contacts for auxiliary contacts		1
• lagging switching		0
• delayed switching		0
• make-before-break switching		0
Number of NO contacts for auxiliary contacts		

- delayed switching
- leading contact
- make-before-break switching

	0
	0
	0
Number of CO contacts for auxiliary contacts	0

Connections/ Terminals:

Design of the surge suppressor		with diode
Type of electrical connection for auxiliary and control current circuit		screw-type terminals

Mechanical data:

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

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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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	y	20

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&mlfb=3TH20810GE8>

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

<http://support.automation.siemens.com/WW/view/en/3TH20810GE8/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3TH20810GE8&lang=en>

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