



CONT. RELAY 31Z DIN EN 50 011 3NO+1NC,
SNAP-ON MOUNTING DIR. CURRENT ACTUATING WITH
DIODE (SCHINDLER) 22 V DC SPECIAL VERSION

General details:

Size of the contactor		0
Ambient temperature		
• during operating	°C	-25 ... +55
Protection class IP / on the front		IP20
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		K

Control circuit:

Type of voltage / of the controlled supply voltage		DC
Control supply voltage / 1		
• for DC / rated value	V	22





Auxiliary circuit:

Operating current / of the auxiliary contacts / at AC-15		
• at 230 V	A	4
• at 400 V	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
• asynchronous switching	0
Number of NO contacts / for auxiliary contacts	3
• leading switching	0
• delayed switching	0
• asynchronous switching	0
Number of change-over switches / for auxiliary contacts	0

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

Mechanical design:	
Type of mounting	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	Test Certificates
 CCC	 GOST	Type Examination
		other
		Special Test Certificate
Shipping Approval	other	
 LRS	 RMRS	Declaration of Conformity
		Environmental Confirmations

Safety:	
Protection against electrical shock	finger-safe
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/3TH2081-0GB8/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH2081-0GB8

last change:

Jan 21, 2013