



CONT. RELAY 31Z DIN EN 50 011 3NO+1NC,  
SNAP-ON MOUNTING DIR. CURRENT ACTUATING WITH  
DIODE (SCHINDLER) 21.5 VDC

### General details:

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

### Control circuit:

<b>Type of voltage / of the controlled supply voltage</b>		DC
<b>Control supply voltage / 1</b>		
• for DC / rated value	V	21.5





### Auxiliary circuit:

<b>Operating current / of the auxiliary contacts / at AC-15</b>		
• at 230 V	A	4
• at 400 V	A	3
<b>Identification number and letter for switching elements</b>		31 Z
<b>Number of NC contacts / for auxiliary contacts</b>		1

• lagging switching	0
• delayed switching	0
• asynchronous switching	0
<b>Number of NO contacts / for auxiliary contacts</b>	3
• leading switching	0
• delayed switching	0
• asynchronous switching	0
<b>Number of change-over switches / for auxiliary contacts</b>	0

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

<b>Mechanical design:</b>	
<b>Type of mounting</b>	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>Width</b>	mm 45
<b>Height</b>	mm 48
<b>Depth</b>	mm 68

<b>Certificates/approvals:</b>		
<b>General Product Approval</b>	<b>Functional Safety / Safety of Machinery</b>	<b>Test Certificates</b>
 CCC	 GOST	<a href="#">Type Examination</a>
		<a href="#">other</a>
		<a href="#">Special Test Certificate</a>
<b>Shipping Approval</b>	<b>other</b>	
 LRS	 RMRS	<a href="#">Declaration of Conformity</a>
		<a href="#">Environmental Confirmations</a>

<b>Safety:</b>	
<b>Protection against electrical shock</b>	finger-safe
<b>T1 value / for proof test interval or service life / according to IEC 61508</b>	a 20

<b>Further information:</b>
<b>Information- and Downloadcenter (Catalogs, Brochures,...)</b> <a href="http://www.siemens.com/industrial-controls/catalogs">http://www.siemens.com/industrial-controls/catalogs</a>
<b>Industry Mall (Online ordering system)</b> <a href="http://www.siemens.com/industrial-controls/mall">http://www.siemens.com/industrial-controls/mall</a>
<b>CAX-Online-Generator</b> <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>

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

<http://support.automation.siemens.com/WW/view/en/3TH2081-0GU4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TH2081-0GU4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH2081-0GU4)

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**last change:**

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