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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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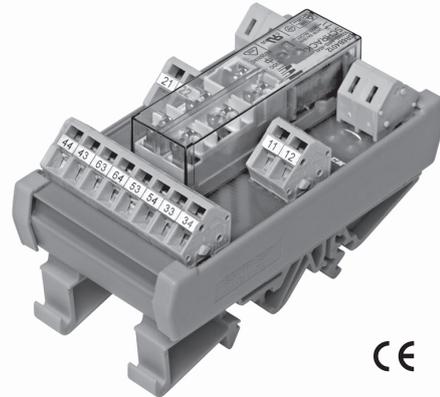
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Force Guided Relay on DIN-rail SR6 Z

- 6 pole relay with force guided contacts according to EN50205
- DIN rail mounting
- AC / DC input

Typical applications
contact monitoring in railway, elevator and machine controls



Approvals

relay SR6: VDE, UL, TUV, CQC
module SR6Z: CE
Technical data of approved types on request

Contact Data

Contact arrangement	3 form A (NO) and 3 form B (NC), 4 form A (NO) and 2 form B (NC), 5 form A (NO) and 1 form B (NC)
Rated voltage	250VAC
Max. switching voltage	250VAC
Rated current	8A
Contact material	AgSnO ₂
Contact style	single contact, force guided type A according to EN 50205
Min. recommended contact load	5V, 10mA
Initial contact resistance	≤100mΩ at 1A, 24VDC ≤20Ω at 10mA, 5VDC
Frequency of operation, with/without load	6/150min ⁻¹
Contact ratings, IEC60947-5-1, on 1 form A (NO) contact	AC15-5A DC13-6A
Mechanical endurance	10x10 ⁶ operations

Coil Data

Coil voltage range	6 to 115 VAC/VDC, 230VAC
DC energizing voltage U _{rtid}	6, 12, 18, 21, 24, 36, 40, 48, 60, 115VDC
AC/DC energizing voltage U _{rtid}	24, 115VAC/VDC
AC energizing voltage U _{rtid}	230VAC
Operative range	90 to 110% of U _{rtid}
Release voltage (+23°C)	10% of U _{rtid}
Max. coil power DC versions	1200mW
Max. system power AC/DC versions	2400mVA

Insulation Data

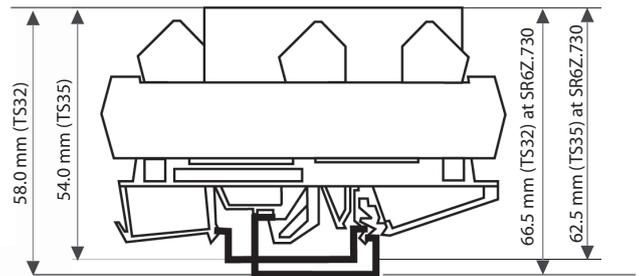
Initial dielectric strength	
between open contacts	1000V _{rms}
between contact and coil	3000V _{rms}
between adjacent contacts	2000V _{rms}
Clearance/creepage	
between open contacts	microdisconnection
between contact and coil	≥5.5/5.5mm
between adjacent contacts	≥2,8 /2.8mm
Insulation to EN 50178, type of insulation	
between contact and coil	reinforced
between adjacent contacts	basic

Other Data

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customer-support/rohssupportcenter

Ambient temperature	
for mounting/handling	0 to 40°C
in operation	-25 to 50°C
SR6ZC 730 only	-25 to 40°C
Terminal type	screwless clamp connectors
Wire cross section	
solid wire	2.5mm ²
stranded wire	2.5mm ²
stranded wire with bootlace crimp	1.5mm ²
Mounting position	any
Weight	90g
Packaging unit	2

Dimensions



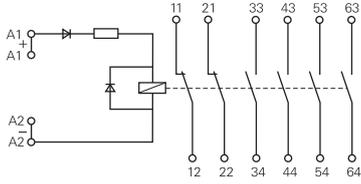
Module width 46 mm
Module length 87 mm

Fit onto mounting rails according to
DIN EN 60175

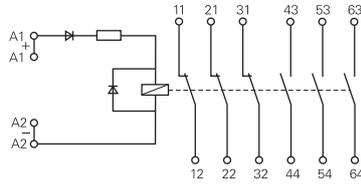
Force Guided Relay on DIN-rail SR6 Z (Continued)

Terminal assignment

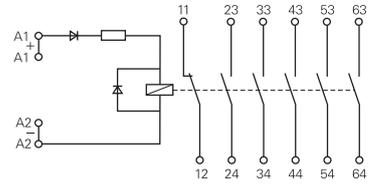
DC module, 4 NO+2 NC version



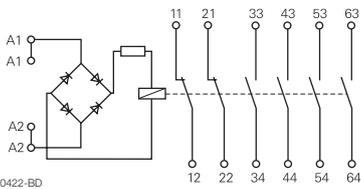
DC module, 3 NO+3 NC version



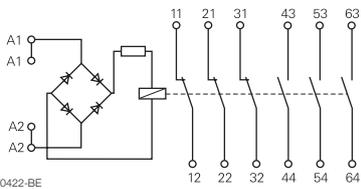
DC module, 5 NO+1 NC version



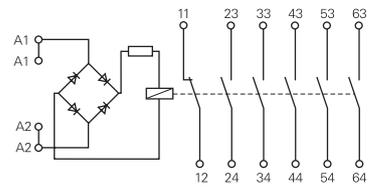
AC/DC module, 4 NO+2 NC version



AC/DC module, 3 NO+3 NC version



AC/DC module, 5 NO+1 NC version



S0422-BD

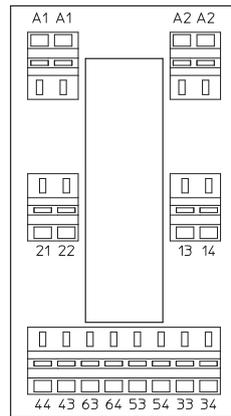
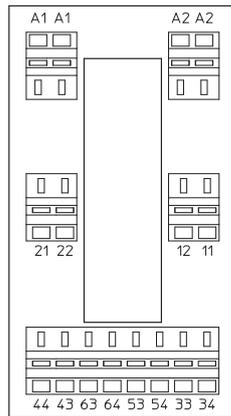
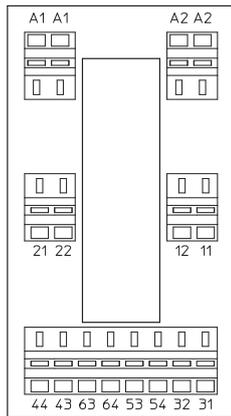
S0422-BE

S0422-BF

SR6ZA...

SR6ZB...

SR6ZC...



S6Z8004

Product code structure

Typical product code **SR6Z B 024**

Type
SR6Z Relay with force guided contacts on DIN-rail SR6 Z

- Contact configuration**
- A** 3 form A (NO) + 3 form B (NC) contacts
 - B** 4 form A (NO) + 2 form B (NC) contacts
 - C** 5 form A (NO) + 1 form B (NC) contacts

Coil
DC Coil code = rated coil voltage (e.g. 024=24 VDC)
AC/DC coil code: 524=24 VAC/VDC, 615=115 VAC/VDC
AC coil code: 730=230 VAC

Other types on request

Product code	Type	Contact configuration	Contact material	Coil	Part number
SR6ZA024	6-pole	3 form A + 3 form B	AgSnO ₂	24VDC	7-1415033-1
SR6ZA524	force guided relay module	3 NO + 3 NC contacts		24VAC/VDC	9-1415059-1
SR6ZA615				115VAC/VDC	1415060-1
SR6ZA730				230VAC	1-1415060-1
SR6ZB024		4 form A + 2 form B		24VDC	5-1415033-1
SR6ZB524				24VAC/VDC	2-1415060-1
SR6ZB615				115VAC/VDC	6-1415046-1
SR6ZB730				230VAC	3-1415060-1
SR6ZC024		5 form A + 1 form B		24VDC	3-1415042-1
SR6ZC524				24VAC/VDC	4-1415060-1
SR6ZC615				115VAC/VDC	5-1415060-1
SR6ZC730				230VAC	6-1415060-1