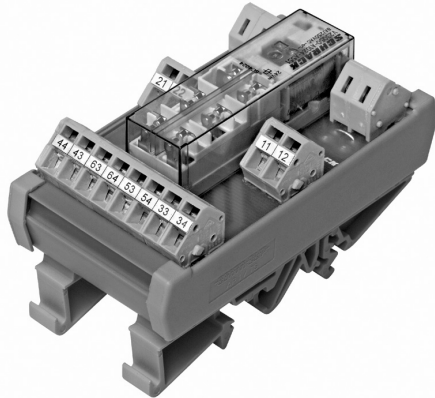


Safety Relay on DIN-rail SR6 Z

6 pole 8 A



F0238-B

Features

- SR6 on printed circuit board
- AC/DC input
- Spring connectors
- Module width 46 mm

Applications

Elevator control, machine control



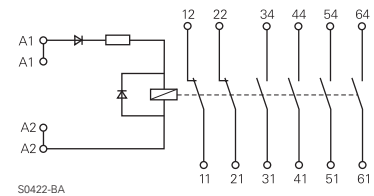
Technical data of approved types on request

Contact data

Type of contact	single contact, forcibly guided
Maximum switching current / continuous thermal load	8 A
Maximum switching voltage	250 Vac / Vdc
Maximum breaking capacity AC	2000 VA
Contact material	AgSnO
Minimum contact load	> 50 mW
Contact resistance	≤100 mΩ / 1 A / 24 Vdc ≤20 Ω / 10 mA / 5 Vdc

Terminal assignment

DC module, 4 N/O+2 N/C version

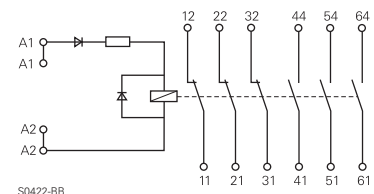


S0422-BA

Coil data

DC energizing voltage Unom	6, 12, 18, 21, 24, 36, 40, 48, 60, 115 Vdc
AC/DC energizing voltage Unom	12, 21, 24, 40, 48, 60, 115 Vac/Vdc
AC energizing voltage Unom	230 Vac
Input circuit	bridge rectifier, series resistor
Minimum operate voltage	90% of Unom
Minimum release voltage (+23°C)	≤10% of Unom
Maximum permissible operating voltage	110% of Unom

DC module, 3 N/O+3 N/C version

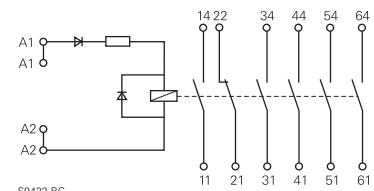


S0422-BB

Insulation

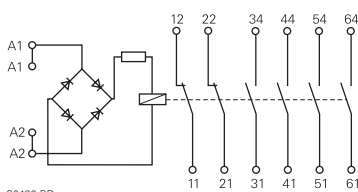
Surge voltage resistance coil-contacts	open contact circuit	3000 V _{rms}
	adjacent contacts	1000 V _{rms}
		2000 V _{rms}
Clearance / creepage coil-contact	coil-contact	5.5 / 5.5 mm
	adjacent contacts	3 / 3 mm
Insulation to IEC 60664		
Voltage rating		250 V
Pollution degree		2
Overvoltage category		III

DC module, 5 N/O+1 N/C version



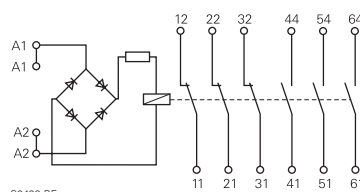
S0422-BC

AC/DC module, 4 N/O+2 N/C version



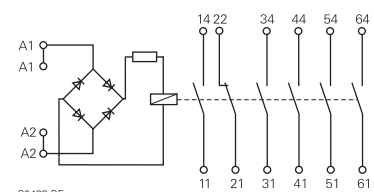
S0422-BD

AC/DC module, 3 N/O+3 N/C version



S0422-BE

AC/DC module, 5 N/O+1 N/C version



S0422-BF

Safety Relay on DIN-rail SR6 Z

6 pole 8 A

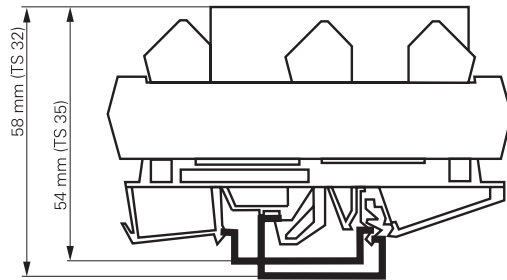
Other data

Flammability class according to UL 94	
housing	V2
housing cage clamp terminals	V0
PCB	V0
relay base	V0
relay cover	V2
Ambient temperature	-25...+50 °C
Mechanical life	≥ 10x10 ⁶ operations
Max. switching rate at rated- / minimum load	6 min ⁻¹ / 300 min ⁻¹
Connections (according IEC)	
solid wire	0.2...2.5 mm ²
stranded wire	0.2...2.5 mm ²
AWG	28...14
Installation position	any
Mounting	in rows with zero spacing
Type of connection	spring clamp connection
Relay weight	90 g
Packaging unit	2 pcs.

Dimensions

Dimensions in mm

Module width 46 mm
Module length 87 mm



Fit onto mounting rails according to
DIN EN 50022 or DIN EN 50035

S0423-AA

Product key



Type

Contact configuration

- A** 3 N/O + 3 N/C contacts
- B** 4 N/O + 2 N/C contacts
- C** 5 N/O + 1 N/C contacts

Coil

DC coil code = nominal voltage (e.g. 024=24Vdc)
AC/DC coil code: 524=24Vac/dc, 615=115Vac/dc
AC coil code: 730=230Vac
coil code: please refer to coil versions table

Other types on request

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