

Features

- Instantaneous or delayed output
- Manual or automatic reset
- Short circuit monitoring

CZSR8002-2A2AT

CZSR8002-2A2AT(M)

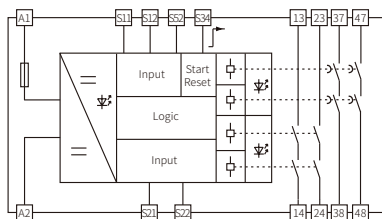
Power data		
Supply voltage	24V DC	24V DC
Voltage tolerance	0.85~1.1	0.85~1.1
Current consumption	≤130mA (24V DC)	≤130mA (24V DC)
Input data		
Input current	≤50mA (24V DC)	≤50mA (24V DC)
Cable resistance	≤15Ω	≤15Ω
Input devices	E-stop buttons, Safety gates	E-stop buttons, Safety gates
Output data		
Number of contacts	2NO+2NO(t)	2NO+2NO(t)
Contact material	AgSnO ₂	AgSnO ₂
External contact fuse protection	10A gL/gG NEOZED (NO)	10A gL/gG NEOZED (NO)
Mechanical endurance of contacts	10 ⁷ 次以上	10 ⁷ 次以上
Utilisation category	In accordance with EN60947-5-1: AC-15, 3A/230V; DC-13, 3A/24V	In accordance with EN60947-5-1: AC-15, 3A/230V; DC-13, 3A/24V
Time data		
Switch-on delay	≤300ms	≤150ms
Delay-on de-energisation	≤30ms (instantaneous); 0.1s~3s (delayed, factory set as 3s)	≤30ms (instantaneous); 0.1s~3s (delayed, factory set as 3s)
Recovery time	≤100ms	≤100ms
Supply short interruption	20ms	20ms
Environmental data		
EMC	EN60947, EN61000-6-2, EN61000-6-4	EN60947, EN61000-6-2, EN61000-6-4
Vibration	Vibration frequency: 10Hz~55Hz; Vibration amplitude: 0.35mm	Vibration frequency: 10Hz~55Hz; Vibration amplitude: 0.35mm
Ambient temperature	-20°C~+60°C	-20°C~+60°C
Storage temperature	-40°C~+85°C	-40°C~+85°C
Relative humidity	10%~90%	10%~90%
Elevation	≤2000m	≤2000m
Insulation data		
Overvoltage category	III	III
Pollution degree	2	2
Rated insulation voltage	250V AC	250V AC
Rated impulse voltage	6000V (1.2/50us)	6000V (1.2/50us)
Dielectric strength	1500V AC, 1min	1500V AC, 1min
Clearance and creepage distance	In accordance with EN 60947-1	In accordance with EN 60947-1
Certification		
Safety integrity level	SIL3	SIL3
Performance level	PLe	PLe
Category	Cat.4	Cat.4

Products show

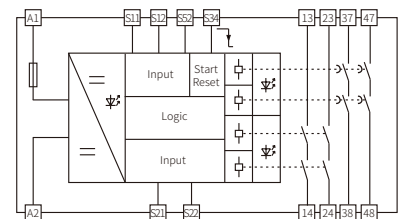
114.5mm×99.0mm×22.5mm



Block diagram



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