Overview

Product information



DSR-K71-30010000262

DO signal input, 3NO+1NC

Product advantages

☑ TUV
☑ Safety switch, DO signal input
☑ 3NO+1NC

Product certification

Technical data

Product drawing

3D model

Input

Current consumption	≤ 90mA
Test pulse width	≤3ms
Test pulse period	100ms
Cable resistance	≤ 15Ω
Input devices	Safety switch, DO signal

Output

Signal type	3NO + 1NC
Contact type	Forced guided
Contact material	AgSnO2+0.2μmAu
Contact loading	AC-15: 5A/230V, DC-13:5A/24V

Contact fuse protection	10A gL/gG(NO), 6A gL/gG(NC)

Times

Switch-on	≤200ms
Release	≤50ms
Switching frequency	≤4Hz

Environmental

EMC	IEC/EN60947,IEC61326-3-1,IEC/EN61000-6-2,IEC/EN61000-6-4
Rated insulation voltage	250V AC
Rated impulse voltage	6000V(1.2/50μs)
Dielectric strength	1500V AC, 1min
Clearance and creepage	IEC60947-1
Vibration	10Hz ~ 55Hz, 0.35mm
Overvoltage category	III
Pollution degree	2
Protection type	IP20
Ambient temperature	-20°C~ +60°C
Storage temperature	-40°C~ +80°C
Relative humidity	10 %RH ~ 90 %RH(40 ℃)
Atmosphere pressure	80kPa~106kPa
Operating altitude	≤ 2000m

Mechanical

Mechanical life	10000000 cycles
Connect type	Screw terminal
Weight	180g

Safety Values

Performance level	PLe,ISO13849
Category	Cat.4,ISO13849
DTI	ISO13849
PTI	20 Years,ISO13849
DC	99%,ISO13849
MTTF	164 Years,ISO13849
CCF	68,ISO13849
SIL	SIL3,IEC61508
SIL CL	SILCL3,IEC62061
HFT	1,IEC62061
SFF	≥99%,IEC62061
DC (AVG)/PTI = 20 years	IEC62061
PFH	IEC62061
Stop Category	0,IEC60204

Power supply

Voltage range	20V~32V DC(Typ.24V)
Power supply type	Loop supply
Power dissipation	≤ 2.2W/24V DC

Accessories

Business data

Order number	30010000262
Packing unit	1
Minimum order quantity	1

Products weight (without packaging)	180