DEGSON

Overview

Product information



DSR-K11-30010000256

Emergency stop buttons, safety gates, safety light curtain inputs, manual/automatic reset, 3NO+1NC

Product advantages

☑ TUV
☑ Manual/automatic reset
☑ 3NO+1NC

Product certification

Technical data

Product drawing

3D model

Input

Current consumption	≤ 50mA/24V DC
Cable resistance	≤ 15Ω
Input devices	E-STOP button, Safety gate, PNP safety light curtain

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	Auto: ≤ 300ms, Manual: ≤ 150ms
Release	E-stop: ≤ 30ms, Power failure: ≤ 100ms
Recovery time	E-stop: ≤ 30ms+T , Power failure: ≤ 100ms
Supply short interruption	20ms

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	24V AC/DC
Voltage tolerance	0.85 ~ 1.1
AC frequency	50Hz ~ 60Hz
Power dissipation	≤ 2.2W/24V DC, ≤ 5.4VA/24V AC

Accessories

Business data

Order number	30010000256
Packing unit	1

Minimum order quantity	1
Products weight (without packaging)	180