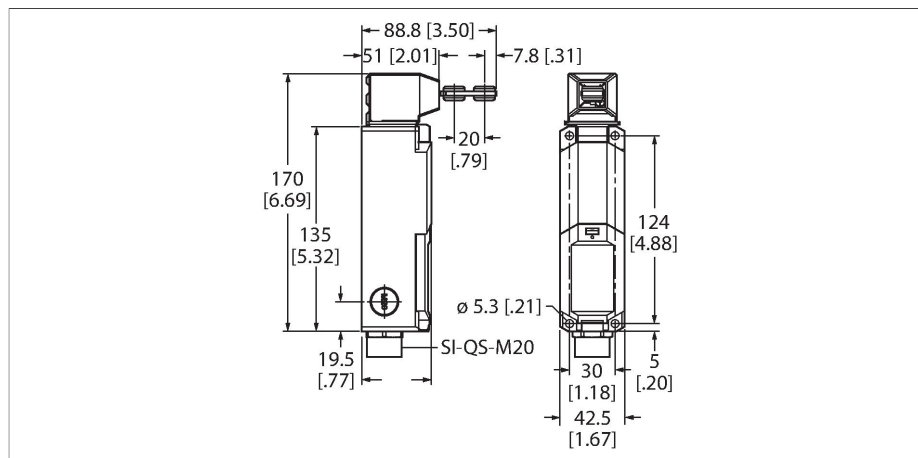


SI-LS42DSH

Machine Safety – Guard Locking Safety Switch



Technical data

Type	SI-LS42DSH
ID no.	3047875
Function	Guard locking safety switch
Output function	2 x NC (normally closed), Potential-free
Contact rating	2.5A/230V AC-15
Rated insulation voltage	250 V
Conventional thermal current	5 A
Impulse withstand voltage	2.5 kV
Protection class	II
Design	Rectangular
Housing material	Plastic, Thermoplastic material
Switching speed	10 /min
Mechanical lifespan	2 * 10 ⁶ Switching cycles
B10d value	2 * 10 ⁶ Switching cycles
Cascadable	no
Electrical connection	Terminal chamber, Terminal box with cable gland
Ambient temperature	-25...+70 °C
Protection class	IP65
Special features	Lockable
Tests/approvals	
PL acc. to DIN EN 13849-1:2008	e
Category acc. to DIN EN 13849-1:2008	4
SIL according IEC 61508	3
Coding level/tamper protection	Low



Features

- Limit switch
- Fulfills IEC 60947-5-1
- With locking
- Locking with spring
- Release with magnet
- 2 safety outputs, NC contact
- 2 solenoid position monitoring, NC and NO contact
- Power supply of the solenoid coil
- SIL 3 (IEC 61508)
- PL e (ISO 13849-1)