



General characteristics			
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Housing Material			Aluminium-zinc alloy
Rod material			Long solid
Contact characteristics			
Type of contact			1NO+1NC Slow action
Thermal current Ith		A	10
IEC/EN 60947-5-1 designation			A300 Q300
Rated insulation voltage Ui		V	440
Rated impulse withstand voltage Uimp		kV	4
Short-circuit protection with fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed			
		min	m/s 0.5
		max	m/s 1.5
IEC Conventional free air thermal current Ith ≤ 40°C		A	10
Resistance per pole (average value)		mΩ	<10
Operations			
Mechanical life		cycles	100000
B10d		cycles	100000
Mechanical operation		cycles/h	3600
Output characteristics			
Mechanical life		cycles	100000
Mechanical features			
Operating head fixing			Locking bayonet insert
Operating torque			
		Ncm	15
		ozin	21.2
Tightening torque (Max)			
Switch fixing		Nm	2.5
		lbin	22.1
Contact terminals		Nm	0.8
		lbin	7
Body lid screw fixing		Nm	0.8
		lbin	7
Conductor section			
AWG/Kcmil		min	16
		max	14

IEC

min	mm ²	1.5
max	mm ²	2.5

Cable connection

Self-releasing
screw terminal

Cable entry

M20 on the sides

Ambient conditions

Pollution degree

3

Temperature

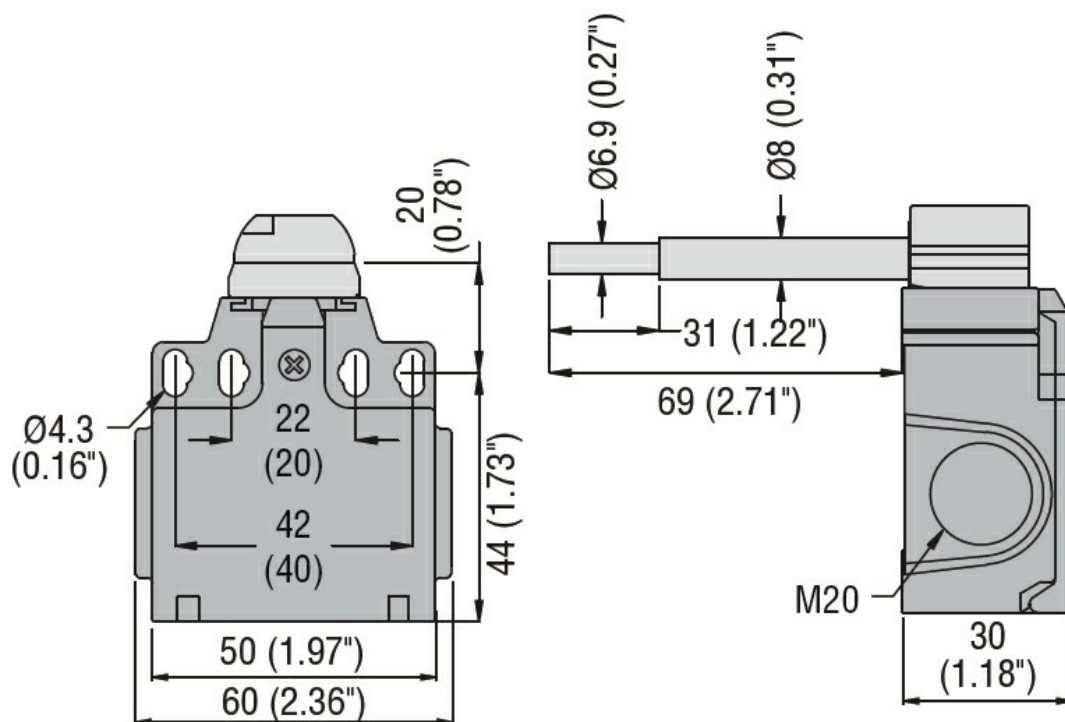
Operating temperature

min	°C	-25
max	°C	+70

Storage temperature

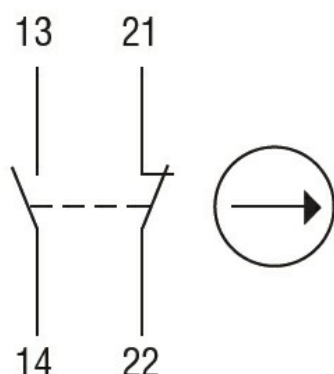
min	°C	-40
max	°C	+70

Dimensions



Wiring diagrams

Slow action



1NO + 1NC

Certifications and compliance

Compliance

CSA C22.2 n° 14

EN 50047

IEC/EN 60204-1

IEC/EN 60947-1

IEC/EN 60947-5-1

UL508

Certificates

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC000030 - End
switch