



General characteristics

General characteristics

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
bottom

Ambient conditions

Pollution degree

3

Temperature

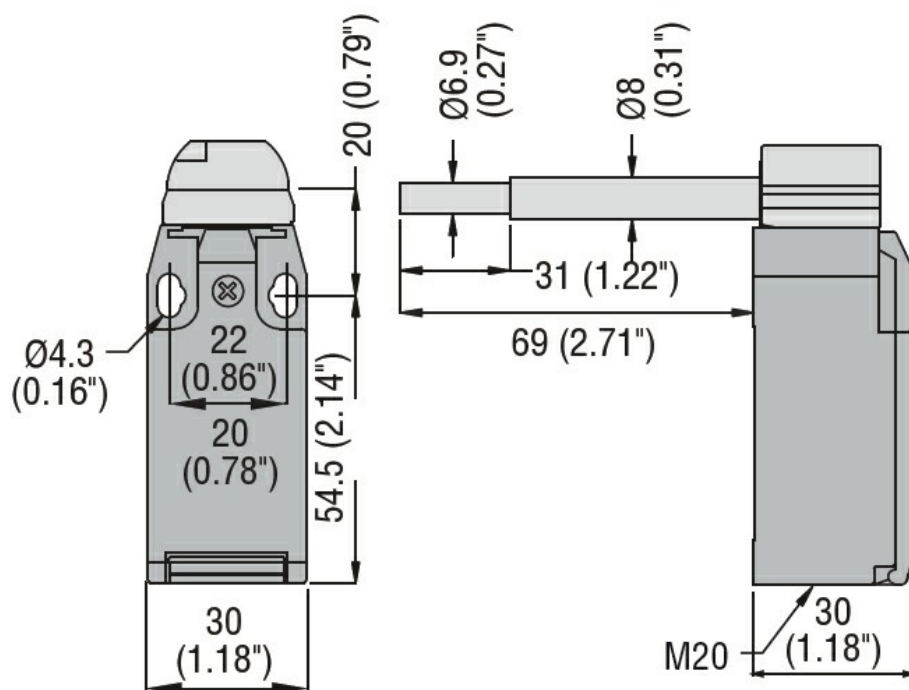
Operating temperature

min	°C	-25
max	°C	+70

Storage temperature

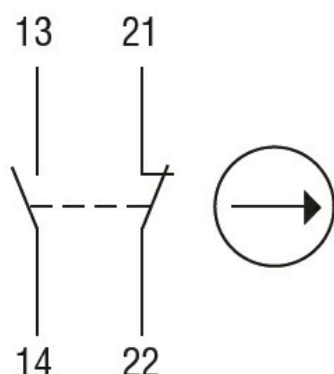
min	°C	-40
max	°C	+70

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