



Hinge operating
KNP

Product designation

Product type designation

General characteristics

Material

Housing

Aluminium-zinc
alloy
Short cylinder
hinge

Rod

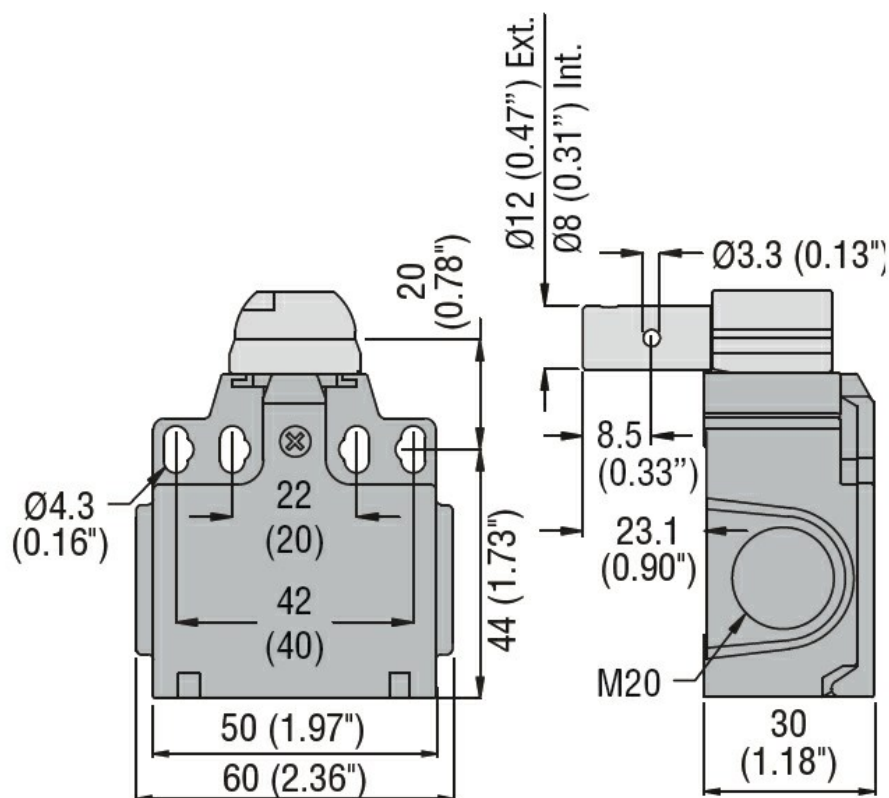
Contact characteristics

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 max	m/s m/s 0.5 1.5
IEC Conventional free air thermal current Ith	A	10
Resistance per pole (average value)	m?	<10

Mechanical features

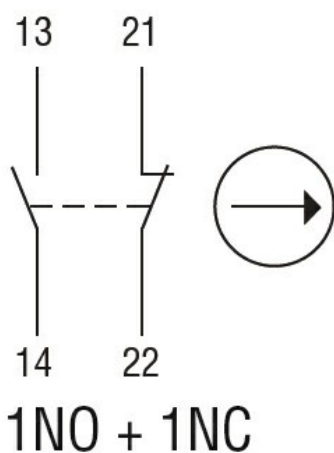
Operating head fixing		Locking bayonet insert
Operating torque	Ncm ozin	15 21.2
Tightening torque (Max)		
Switch fixing	Nm lbin	2.5 22.1
Contact terminals	Nm lbin	0.8 7
Body lid screw fixing	Nm lbin	0.8 7
Conductor section		
AWG/Kcmil	min max	16 14
IEC	min max	mm ² mm ² 1 or 2 2.5

Cable connection				Self-releasing screw terminal	
Cable entry				M20 on the sides	
Operations					
Mechanical life			cycles	100000	
B10d			cycles	100000	
Mechanical operation			cycles/h	3600	
Ambient conditions					
Temperature					
Operating temperature			min	°C	-25
			max	°C	+70
Storage temperature			min	°C	-40
			max	°C	+70
Resistance & Protection					
IP degree					
			Terminals	IP20	
			Body housing	IP65	
Pollution degree				3	
Dimensions					



Wiring diagrams

Slow action



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