



General characteristics

Material

Housing

Aluminium-zinc
alloy

Roller

Plastic

Contact characteristics

Type of contact		2NC Snap 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
Insulation class		II
Short-circuit protection with fuse	Class/A	10 gG/SC QUICK FUSE
Switching speed	min max	m/s 0.5 1.5
IEC Conventional free air thermal current Ith ≤ 40°C	A	10
Resistance per pole (average value)	mΩ	<10

Mechanical features

Operating head fixing		Locking bayonet insert
Operating torque	Ncm ozin	3 4.25
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 1.5 mm ² 2.5
Cable connection		Self-releasing screw terminal
Cable entry		M20 on the sides

Operations

Mechanical life	cycles	<10000000
Mechanical operation	cycles/h	3600

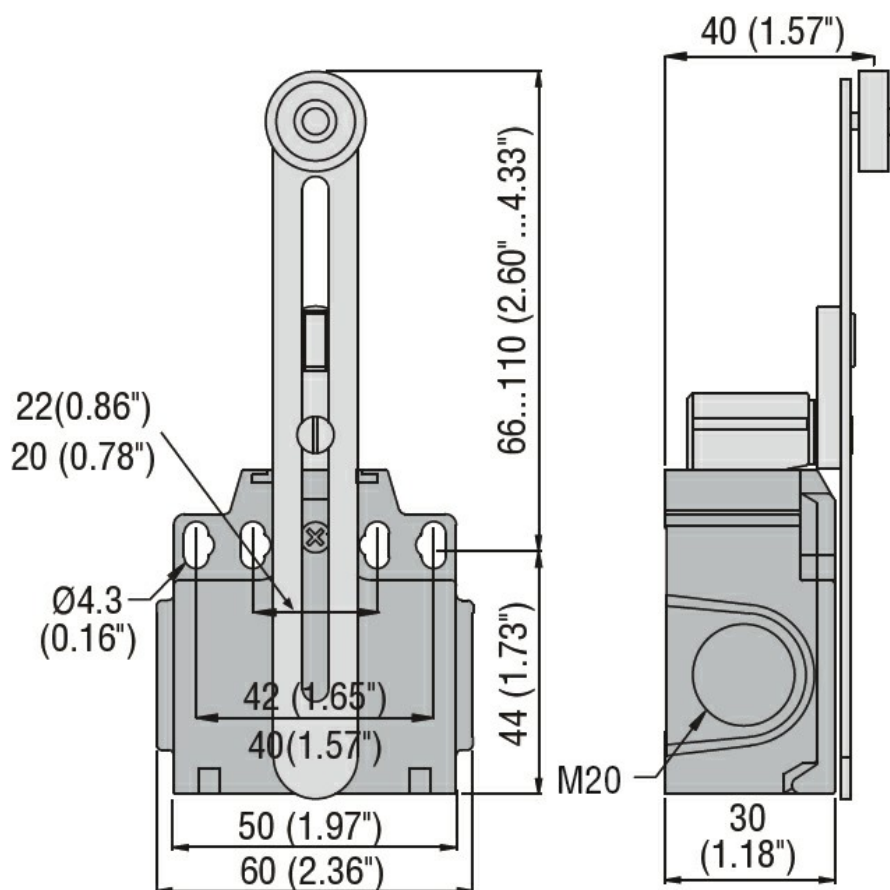
Ambient conditions

Temperature	Operating temperature	min	°C	-25
		max	°C	+70
	Storage temperature	min	°C	-40
		max	°C	+70

Resistance & Protection

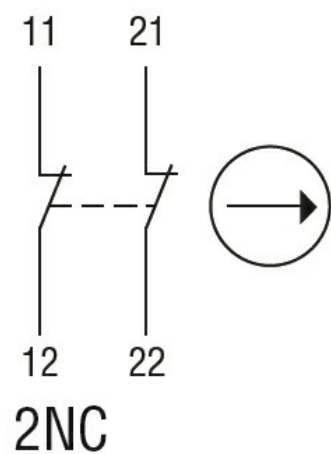
IP degree	Terminals	IP20
	Body housing	IP65
Pollution degree		3

Dimensions



Wiring diagrams

Snap 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