



Product designation			Key operated		
Product type designation			KBN		
General characteristics					
General characteristics					
Housing Material			Polymer thermoplastic		
Key shape			Angled		
Contact characteristics					
Type of contact			1NO+1NC Slow action		
Thermal current I _{th}		A	10		
IEC/EN 60947-5-1 designation			A600 Q600		
Rated insulation voltage U _i		V	690		
Rated impulse withstand voltage U _{imp}		kV	6		
Insulation class			II		
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 I _{th}		A
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			N	8	
			l _b	1.8	
Tightening torque (Max)					
Switch fixing		Nm	2.5		
		l _{bin}	22.1		
Contact terminals		Nm	0.8		
		l _{bin}	7		
Body lid screw fixing		Nm	0.8		
		l _{bin}	7		
Conductor section					

AWG/Kcmil

min	16
max	14

IEC

min	mm ²	1 or 2
max	mm ²	2.5

Cable connection	Self-releasing screw terminal
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Cable entry	M20 on the bottom
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Weight	g	92
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Ambient conditions

Pollution degree	3
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Temperature

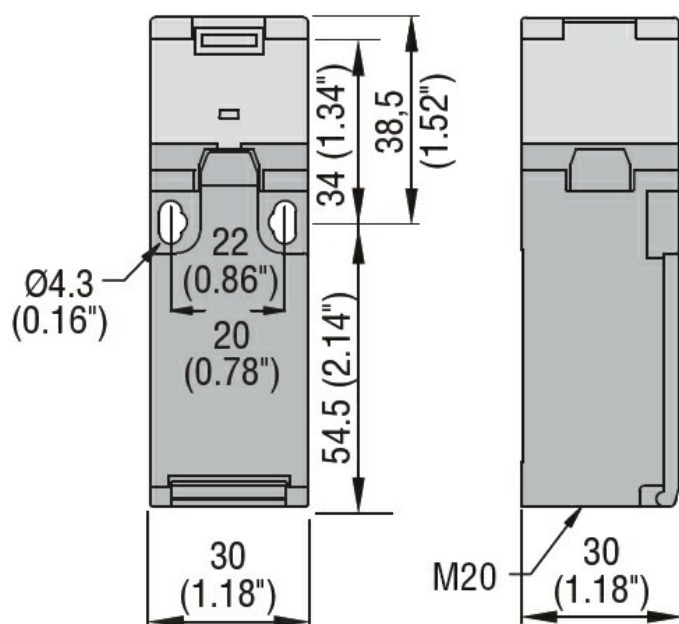
Operating temperature

min	°C	-25
max	°C	+70

Storage temperature

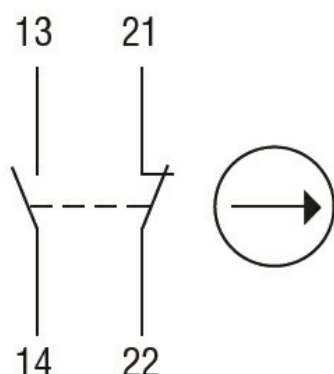
min	°C	-40
max	°C	+70

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