Product designation			Key operated
Product type designation			KBN

General characteristics

General characteristics

Housing Material			Polymer thermoplastic
Key shape			Angled "T"

Contact characteristics

Type of contact			1NO+1NC Slow action
Thermal current Ith		A	10
IEC/EN 60947-5-1 designation			A600 Q600
Rated insulation voltage Ui		V	690
Rated impulse withstand voltage Uimp		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 Ith		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			
		N	8
		Ib	1.8

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	mm²	1or 2
	max	mm²	2.5
Cable connection			Self-releasing screw terminal
Cable entry			M20 on the bottom
Weight		g	92
Ambient conditions			
Pollution degree			3
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+70
Storage temperature			
	min	°C	-40
	max	°C	+70

Dimensions
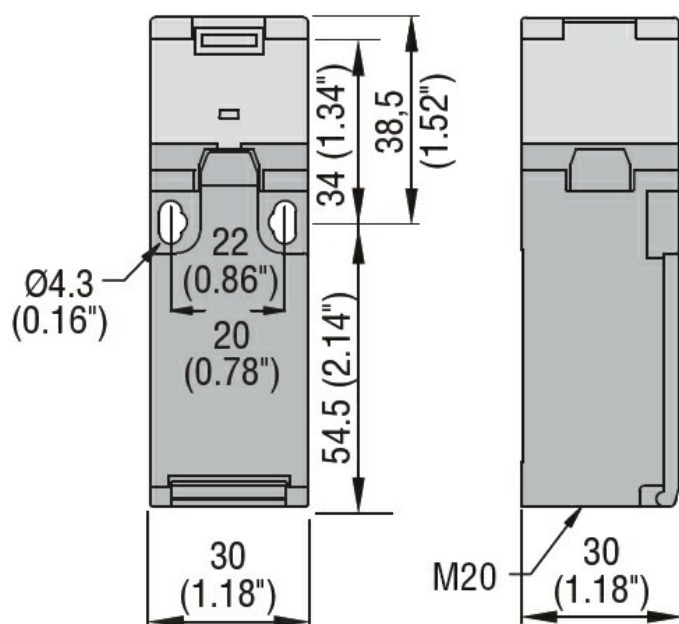
Wiring diagrams

Slow action

13   21

14   22
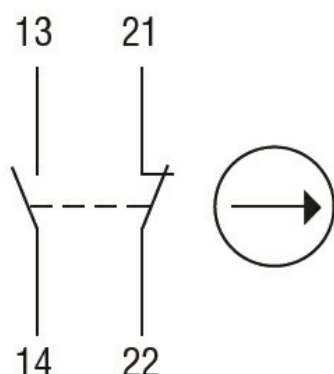
1NO + 1NC

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