



Product designation

Key operated

Product type designation

KBN

General characteristics

Material

Housing

Polymer
thermoplastic

Key shape

Straight

Contact characteristics

Type of contact

1NO+1NC

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
max

m/s
m/s

0.5
1.5

IEC Conventional free air thermal current I_{th}

A

10

Resistance per pole (average value)

mΩ

<10

Mechanical features

Operating head fixing

Locking bayonet
insert

Operating torque

N
lb

8
1.8

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

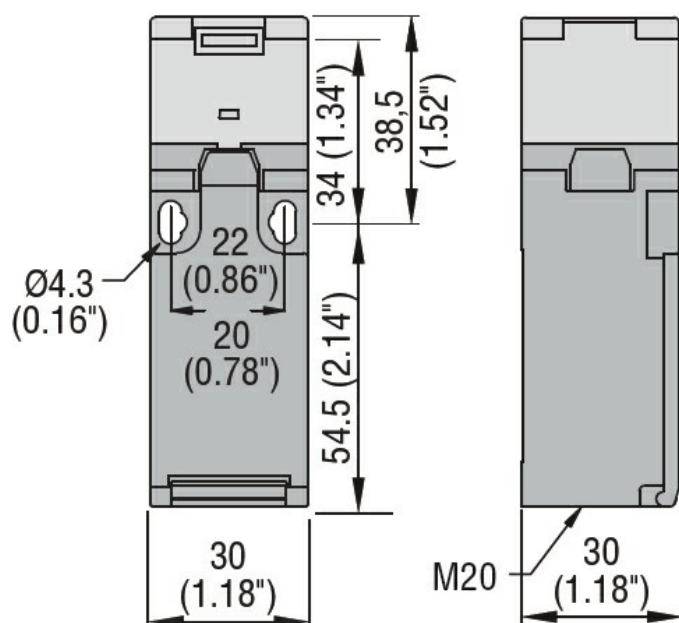
mm²
mm²

1or 2
2.5

Cable connection

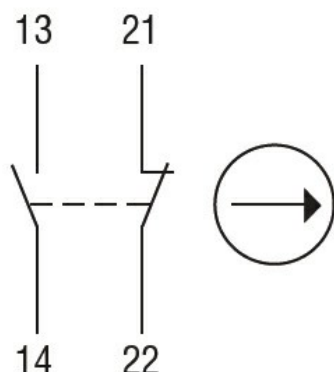
Self-releasing
screw terminal

Cable entry			M20 on the bottom	
Weight		g	92	
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				
Pollution degree			Terminals	IP20
			Body housing	IP65
Pollution degree			3	
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