



Product designation			Hinge operating		
Product type designation			KBP		
General characteristics					
General characteristics					
Housing Material			Polymer thermoplastic		
Rod material			Short cylinder hinge		
Contact characteristics					
Type of contact			2NC Slow action		
Thermal current I <sub>th</sub>		A	10		
IEC/EN 60947-5-1 designation			A600 Q300		
Rated insulation voltage U <sub>i</sub>		V	690		
Rated impulse withstand voltage U <sub>imp</sub>		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 <sub>th</sub>		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					
			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					

LIMIT SWITCH, K SERIES, HINGE OPERATING, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NC SLOW ACTION. SHORT CYLINDER SHAFT

AWG/Kcmil

min	16
max	14

IEC

min	mm <sup>2</sup>	1 or 2
max	mm <sup>2</sup>	2.5

Cable connection

Self-releasing  
screw terminal

Cable entry

M20 on the  
bottom

Ambient conditions

Pollution degree

3

Temperature

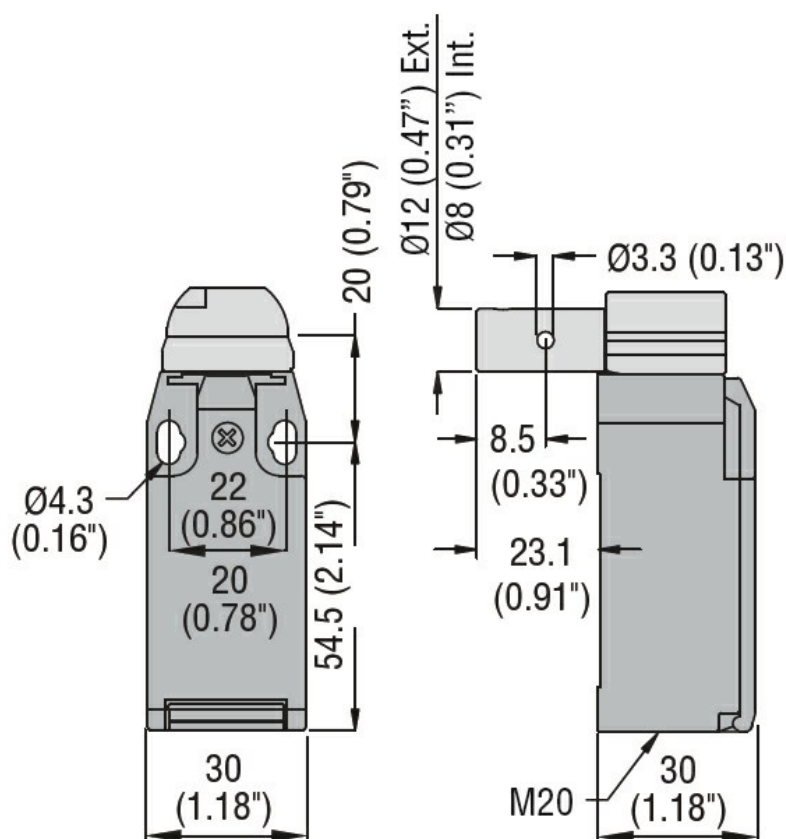
Operating temperature

min	°C	-25
max	°C	+70

Storage temperature

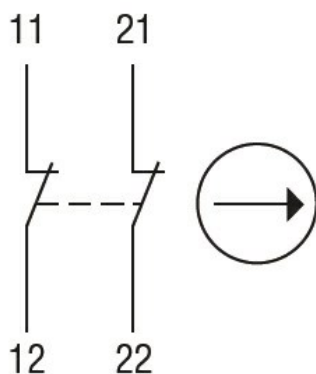
min	°C	-40
max	°C	+70

Dimensions



Wiring diagrams

## Slow action



**2NC**

### 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