

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



Product designation

Hinge operating
KBP

Product type designation

General characteristics

Material

Housing	Polymer thermoplastic
Rod	Short cylinder hinge

Contact characteristics

Type of contact	2NC Slow action		
Thermal current I_{th}	A	10	
IEC/EN 60947-5-1 designation		A600	Q300
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 10

Resistance per pole (average value)

m? <10

Mechanical features

Operating head fixing	Locking bayonet insert		
Operating torque	Ncm	15	ozin 21.2

Tightening torque (Max)

Switch fixing	Nm	2.5
	lbin	22.1

Contact terminals	Nm	0.8
	lbin	7

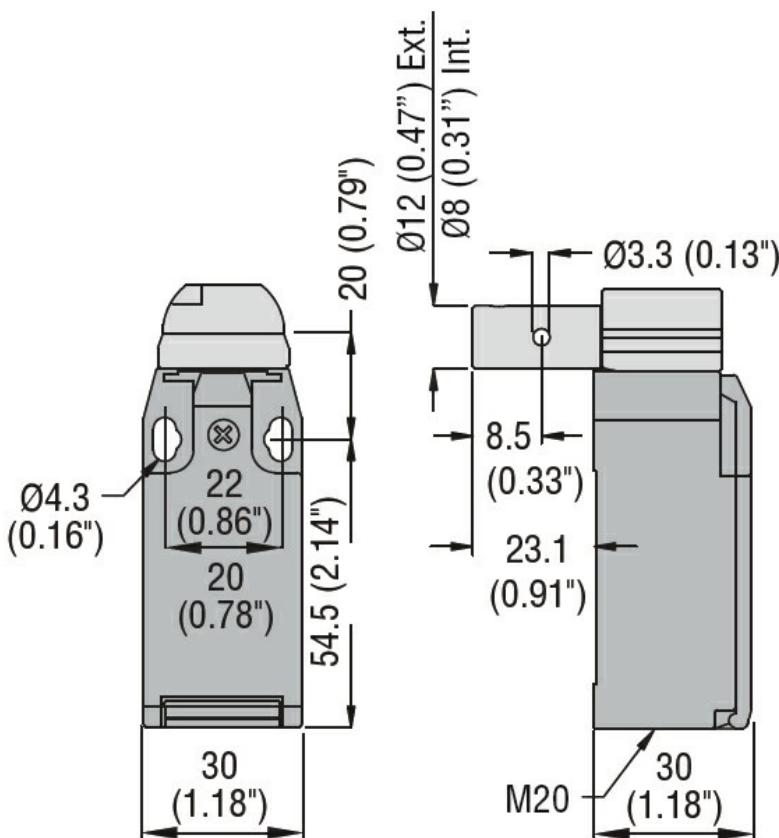
Body lid screw fixing	Nm	0.8
	lbin	7

Conductor section

AWG/Kcmil	min	16
	max	14

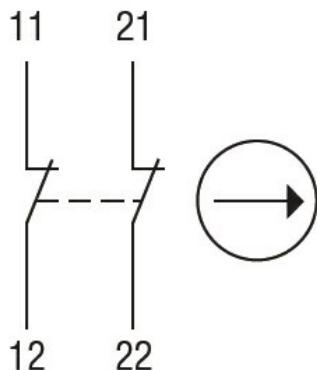
IEC	min	mm ²	1 or 2
	max	mm ²	2.5

Cable connection	Self-releasing screw terminal										
Cable entry	M20 on the bottom										
Operations											
Mechanical life	cycles	100000									
B10d	cycles	100000									
Mechanical operation	cycles/h	3600									
Ambient conditions											
Temperature	<table> <tr> <td>Operating temperature</td> <td>min</td> <td>°C</td> <td>-25</td> </tr> <tr> <td></td> <td>max</td> <td>°C</td> <td>+70</td> </tr> </table>			Operating temperature	min	°C	-25		max	°C	+70
Operating temperature	min	°C	-25								
	max	°C	+70								
	<table> <tr> <td>Storage temperature</td> <td>min</td> <td>°C</td> <td>-40</td> </tr> <tr> <td></td> <td>max</td> <td>°C</td> <td>+70</td> </tr> </table>			Storage temperature	min	°C	-40		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

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