

LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 2NO SLOW ACTION. METAL ROLLER



Product designation

Top roller push plunger

Product type designation

KCB

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General	l characterist	ICS.

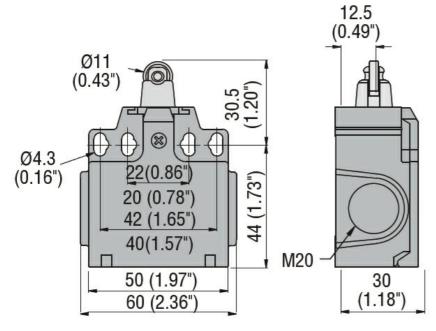
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Housing Roller Polymer Intermoplastic Roller Polymer Intermoplastic Roller Polymer Intermoplastic Metal	Material				
Property Property			Housing		
Property Property			-		•
Type of contact			Roller		Metal
Thermal current lith					0110 01 11
EC/EN 60947-5-1 designation					
Rated insulation voltage Uing 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 EC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mΩ <0				A	
Rated impulse withstand voltage Ulimp Insulation class Insulatio					
Insulation class					
Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE		nd voltage Uimp		kV	
Smitching speed Smitching speed	Insulation class				
IEC Conventional free air thermal current lth max m/s 1.5 IEC Conventional free air thermal current lth max m/s 1.5 IEC Conventional free air thermal current lth max m/s 1.5 IEC Conventional free air thermal current lth max 10 IEC Conventional free air thermal current lth max 10 IEC	Short-circuit protection	with fuse		Class/A	
EC Conventional free air thermal current Ith	Switching speed				
EC Conventional free air thermal current Ith Resistance per pole (average value) mΩ <10			min	m/s	0.5
Resistance per pole (average value) mΩ <10			max	m/s	1.5
Mechanical features Operating head fixing Locking bayonet insert Operating torque N 5 Ib 1.1 Tightening torque (Max) Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil min 16 max 14 IEC min mm² 1 or 2	IEC Conventional free	air thermal current Ith		Α	10
Cocking bayonet insert insert insert	Resistance per pole (a	verage value)		mΩ	<10
Insert I	Mechanical features				
N 5 1b 1.1	Operating head fixing				
Tightening torque (Max) Switch fixing Nm 2.5	Operating torque				
Switch fixing Switch fixing Nm 2.5				Ν	5
Switch fixing Nm 2.5				lb	1.1
Nm 2.5	Tightening torque (Max	()			
Din 22.1		Switch fixing			
Contact terminals				Nm	2.5
Nm 0.8				lbin	22.1
Body lid screw fixing		Contact terminals			
Body lid screw fixing				Nm	0.8
Nm 0.8 1bin 7				lbin	7
Section AWG/Kcmil Min 16 Max 14 IEC Min Mm² 1 or 2		Body lid screw fixing			
AWG/Kcmil				Nm	0.8
AWG/Kcmil min 16 max 14 IEC min mm² 1or 2				lbin	7
min 16 max 14 IEC min mm² 1 or 2	Conductor section				
max		AWG/Kcmil			
IEC min mm² 1or 2			min		
min mm² 1or 2			max		14
		IEC			
max mm² 2.5			min		
			max	mm²	2.5

ENERGY AND AUTOMATION

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Cable connection				Self-releasing screw terminal
Cable entry				M20 on the
Cable entry				bottom
Operations				
Mechanical life			cycles	<10000000
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	on .			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				

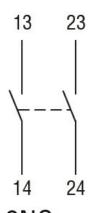


Wiring diagrams

LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 2NO SLOW ACTION.

METAL ROLLER

Slow action



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