



LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION. METAL ROLLER



Product designation	Top roller push
1 Toduct designation	plunger
Product type designation	KNB

General		

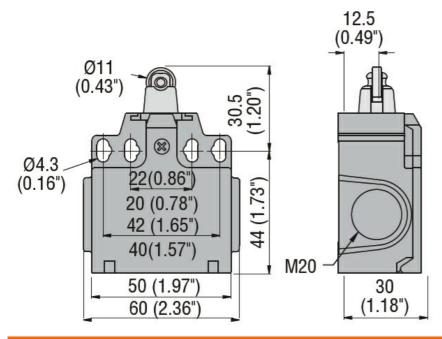
Material Housing Roller Metal Roller Metal	General characteristics				
Roller	Material				
Roller			Housing		
Contact Characteristics Type of contact 2NC Snap action Thermal current lth A 10 IEC/EN 60947-5-1 designation V 440 Rated insulation voltage Uir kV 4 Short-circuit protection with fuse Class/A 09G/SC QUICK FUSE Switching speed min m/s 0.5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) m0 2 10 Mechanical features Locking bayonet insert Operating head fixing N 5 1.5 Operating torque N 5 5 1.5 Insert N 5 1.5 <t< td=""><td></td><td></td><td>Pollor</td><td></td><td>•</td></t<>			Pollor		•
Type of contact	Contact characteristics		Kollei		ivietai
Thermal current Ith					2NC Span action
EC/EN 60947-5-1 designation X				Δ	
Rated insulation voltage Ui X 440		signation			
Rated impulse withstand voltage Ulimp kV 4 5 5 5 5 5 5 5 5 5				V	
Short-circuit protection with fuse Class/A Cluss/A CullCK FUSE					
Silicit-culcult protection with lase Class/A QUICK FUSE Switching speed min m/s		·			
Min min m/s	Short-circuit protection	with fuse		Class/A	
IEC Conventional free air thermal current Ith Resistance per pole (average value) mΩ <10	Switching speed				
			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	IEC Conventional free	air thermal current Ith		Α	10
Operating head fixing Locking bayonet insert Operating torque N 5 In part of the property of		verage value)		$m\Omega$	<10
Switch fixing Switch fixin	Mechanical features				
N 5 1b 1.1	Operating head fixing				
Bit 1.1	Operating torque				
Switch fixing Nm 2.5				Ν	5
Switch fixing Nm 2.5				lb	1.1
Nm 2.5	Tightening torque (Max	2)			
Din 22.1		Switch fixing			
Contact terminals					
Nm 0.8 1bin 7				lbin	22.1
Body lid screw fixing		Contact terminals			
Body lid screw fixing					
Nm 0.8 10in 7 7				lbin	7
AWG/Kcmil AWG/Kcmil		Body lid screw fixing			
AWG/Kcmil min 16 max 14					
AWG/Kcmil min 16 max 14 IEC min mm² 1or 2 max mm² 2.5	0			lbin	/
min 16 max 14	Conductor section	ANA/O/I/C 'I			
max 14		AVVG/Kcmii			4.0
IEC min mm² 1or 2 max mm² 2.5					
min mm² 1or 2 max mm² 2.5		IFC	max		14
max mm² 2.5		IEU	min	mm²	1or 2
Soft rologging			illax	111111	Self-releasing
Cable connection Self-releasing screw terminal	Cable connection				



LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION.

METAL ROLLER

Cable entry				M20 on the sides
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 & Protecti	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree			•	3
Dimensions				



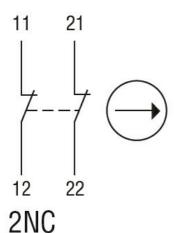
Wiring diagrams



LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION.

METAL ROLLER

Snap 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