

LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION. PLASTIC ROD



Product designation

Adjustable rod lever

Product type designation

KNL

Product type designation	KNL
General characteristics	
Material	Al artist as the

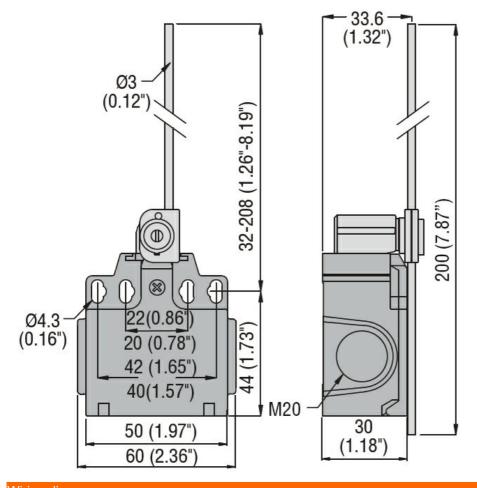
Pack Marminium-zinc alloy Alloy Alloy	Material		Housing		Aluminium-zinc alloy
Type of contact			Rod		
Thermal current Ith	Contact characteristic	CS CONTRACTOR OF THE CONTRACTO			· ·
EC/EN 60947-5-1 designation Rated insulation voltage Ui V 440 Rated insulation voltage Uimp kV 4 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 max m/s 1.5 EC Conventional free air thermal current lth	Type of contact				2NC Snap action
Rated insulation voltage Ui	Thermal current Ith			Α	10
Rated impulse withstand voltage Uimp kV 4 Short-circuit protection with fuse class/A 10 gG/SC QUICK FUSE Switching speed min m/s m/s m/s 0.5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	IEC/EN 60947-5-1 de	esignation			A300 Q300
Short-circuit protection with fuse Class/A QUICK FUSE Switching speed min m/s 0.5 max m/s 0.5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mm	Rated insulation volta	ge Ui		V	440
Sintercurate protection with lase Class A QUICK FUSE Switching speed min m/s	Rated impulse withsta	and voltage Uimp		kV	
Min min m/s	Short-circuit protectio	n 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	
Resistance per pole (average value) mΩ <10			max		
Mechanical features Operating head fixing Locking bayonet insert Operating torque Ncm 3 ozin 4.25 Tightening torque (Max) Nm 2.5 lbin 22.1 Contact terminals Nm 0.8 lbin 7 Body lid screw fixing Nm 0.8 lbin 7 Conductor section Nm 0.8 lbin 7 Conductor section Nm 16 max 14 IEC min mm² 16 max 10 r 2					
Operating head fixing Locking bayonet insert Operating torque Nom 3 ozin 4.25 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 min min 16 max 14 IEC min min mm² 10 10 2		average value)		mΩ	<10
Insert I	Mechanical features				
Ncm 3 ozin 4.25	Operating head fixing				
Switch fixing Switch fixing Nm 2.5	Operating torque				
Switch fixing Nm 2.5					
Switch fixing Nm 2.5				ozin	4.25
Nm 2.5	Tightening torque (Ma	•			
Ibin 22.1		Switch fixing			
Contact terminals					
Nm 0.8 10in 7				lbin	22.1
Body lid screw fixing		Contact terminals		NI	0.0
Body lid screw fixing					
Nm 0.8 10in 7		Darke lid a grave fining		IDIN	1
Section AWG/Kcmil Min 16 max 14		Body lid screw fixing		Nimo	0.0
AWG/Kcmil					
AWG/Kcmil min 16 max 14 IEC min mm² 1 or 2	Conductor section			IDIII	
min 16 max 14 IEC min mm² 1or 2	Conductor Section	AWG/Kemil			
max		AWO/Rollin	min		16
IEC min mm² 1or 2					
min mm² 1or 2		IFC	Hax		
			min	mm²	1or 2
			max	mm²	2.5

ENERGY AND AUTOMATION

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

PLASTIC ROD

Cable connection				Self-releasing screw terminal
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 & Protection	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				

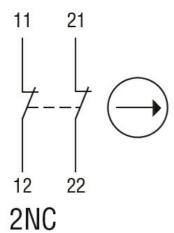


Wiring diagrams



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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