

## LIMIT SWITCH, K SERIES, ROLLER LEVER PLUNGER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NO+1NC SLOW ACTION. PLASTIC ROLLER



Product designation	Roller lever
1 Toduct designation	plunger
Product type designation	KME

General		

lat		

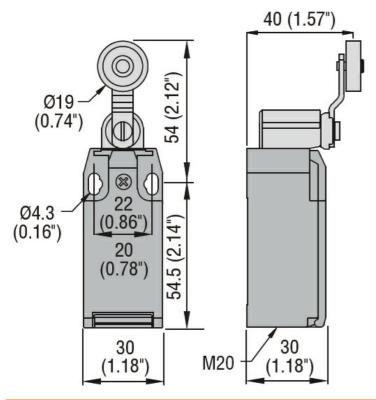
Housing   Housing   Roller   Plastic	Material				
Pastic			Housing		Aluminium-zinc
Properties			_		•
Type of contact   Substitution	Contact characteristi		Roller		Plastic
Speed contact   Speed conta	Contact characteristic	.S			2NO LANC Clave
Thermal current Ith	Type of contact				
EC/EN 60947-5-1 designation   A300 Q300     Rated insulation voltage Ui	Thermal current Ith			Α	
Rated insulation voltage Ui   X   440		esignation			
Rated impulse withstand voltage Uimp         kV         4           Short-circuit protection with fuse         class/A         10 gG/SC QUICK FUSE           Switching speed         min m/s				V	
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		•			
Switching speed           min max         m/s					10 gG/SC
Resistance per pole (average value)   Min max m/s	Switching speed				<u> </u>
EC Conventional free air thermal current Ith	og op coa		min	m/s	0.5
EC Conventional free air thermal current lth Resistance per pole (average value)   mΩ   <10   Mechanical features					
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         Imax 16 max 14           IEC         min mm² 16 max 14	IEC Conventional free	e air thermal current Ith	<u>``</u>		
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         AWG/Kcmil           min min 16 max 14           IEC         min mm² 1or 2	Resistance per pole	(average value)		mΩ	<10
Operating head lixing   Insert					
Ncm   3   ozin   4.25	Operating head fixing	1			
Switch fixing   Switch fixing   Nm   2.5	Operating torque				
Switch fixing   Nm   2.5				Ncm	3
Switch fixing   Nm   2.5				ozin	4.25
Nm   2.5	Tightening torque (Ma	ax)			
Ibin   22.1		Switch fixing			
Contact terminals				Nm	
Nm   0.8     1bin   7				lbin	22.1
Body lid screw fixing		Contact terminals			
Body lid screw fixing   Nm   0.8   lbin   7					
Nm   0.8				lbin	7
Section   AWG/Kcmil   AWG/Kcmil   Min   16   16   16   16   16   16   16   1		Body lid screw fixing			
AWG/Kcmil					
AWG/Kcmil  min 16 max 14  IEC  min mm² 1or 2				lbin	7
min 16 max 14 IEC min mm² 1or 2	Conductor section				
max		AWG/Kcmil			
IEC min mm² 1or 2					
min mm² 1or 2			max		14
		IEC		_	
max mm² 2.5					
			max	mm²	2.5



**ENERGY AND AUTOMATION** 

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Cable connection				Self-releasing screw terminal
Cable entry				M20 on the 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 & Protecti	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				

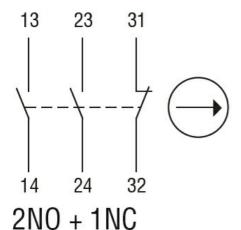


Wiring diagrams



LIMIT SWITCH, K SERIES, ROLLER LEVER PLUNGER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NO+1NC SLOW ACTION. PLASTIC ROLLER

## Slow action



## Certifications and compliance

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Com	nlıa	nca
COIL	viia	

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