

## LIMIT SWITCH, K SERIES, ROLLER SIDE PUSH LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION. PLASTIC ROLLER



Roller side push Product designation lever Product type designation **KMD** 

	teristics

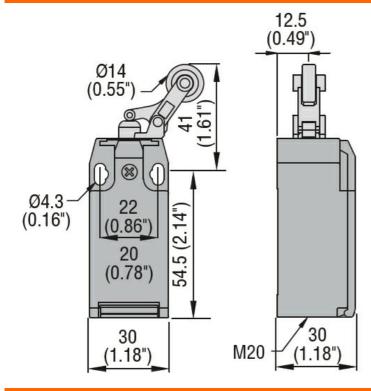
	erial

Housing Roller   Housing Roller   Rol	Material				
Poller   Metal			Housing		
Contact Characteristics           Type of contact         1NO+1NC Snap action action           IEC/EN 60947-5-1 designation         A 10           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 m/s m/s 0.5 max m/s 1.5           IEC Conventional free air thermal current Ith         A 10           Resistance per pole (average value)         mΩ < 10			_		•
Type of contact   Section   Secti			Roller		Metal
Thermal current lith   A   10     EC/EN 60947-5-1 designation   A   10     Rated insulation voltage Ui   V   440     Rated insulation voltage Uimp   KV   4     Short-circuit protection with fuse   Class/A   Class/	Contact characteristics				4110 4110 0
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					action
Rated insulation voltage Ui         V         440           Rated impulse withstand voltage Uimp         kV         4           Short-circuit protection with fuse         Class/A         10 gG/SC QUICK FUSE           Switching speed         min         m/s         0.5 max           EC Conventional free air thermal current lth         A         10           Resistance per pole (average value)         mΩ         <10				Α	
Rated impulse withstand voltage Uimp   RV   4		_			A300 Q300
Short-circuit protection with fuse   Class/A   10 gG/SC QUICK FUSE					
Smitching speed         Class/A QUICK FUSE           Switching speed         min m/s	Rated impulse withstar	nd voltage Uimp		kV	
Resistance per pole (average value)   Moderation   Mod	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   Mechanical features			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 6 1b 1.34           Tightening torque (Max)         Nm 2.5 1bin 22.1           Contact terminals         Nm 0.8 1bin 7           Body lid screw fixing         Nm 0.8 1bin 7           Conductor section         Nm 0.8 1bin 7           Conductor section         Nm 0.8 16 max 14           IEC         min min mm² 16 max 14           IEC         min mm² 10 10 2	IEC Conventional free	air thermal current Ith		Α	10
Cocking bayonet insert insert insert	Resistance per pole (a	verage value)		mΩ	<10
Coperating fread lixing   Insert	Mechanical features				
N 6   1b 1.34	Operating head fixing				
Switch fixing   Switch fixin	Operating torque				
Switch fixing   Switch fixing   Nm   2.5				N	6
Switch fixing   Nm   2.5				lb	1.34
Nm   2.5	Tightening torque (Max	<b>(</b> )			
Contact terminals		Switch fixing			
Contact terminals				Nm	2.5
Nm   0.8     1bin   7				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   The section   AWG/Kcmil   The section   The sect		Body lid screw fixing			
AWG/Kcmil					
AWG/Kcmil  min 16  max 14  IEC  min mm² 1or 2				lbin	7
min   16   max   14	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



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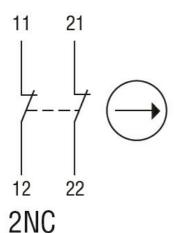
			Solf rologging
Cable connection			Self-releasing
			screw terminal
Cable entry			M20 on the
			bottom
Operations			
Mechanical life		cycles	<10000000
Mechanical operation		cycles/h	3600
Ambient conditions			
Temperature			
Operating tem	perature		
	min	°C	-25
	max	°C	+70
Storage temper	erature		
	min	°C	-40
	max	°C	+70
Resistance & Protection			
IP degree			
-	Terminals		IP20
	Body housing		IP65
Pollution degree			3
Dimensions			



Wiring diagrams

LIMIT SWITCH, K SERIES, ROLLER SIDE PUSH LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION. PLASTIC 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