KND1L20



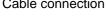
Material

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



Product designation	Roller side push lever
Product type designation	KND
General characteristics	

		Housing		Aluminium-zinc
		-		alloy
Contact characteristics		Roller		Metal
Type of contact				2NC Slow action
Thermal current Ith			A	10
IEC/EN 60947-5-1 desig	nation		7	A300 Q300
Rated insulation voltage			V	440
Rated impulse withstand			kV	4
Short-circuit protection w			Class/A	10 gG/SC QUICK FUSE
Switching speed				
		min	m/s	0.5
		max	m/s	1.5
IEC Conventional free air	thermal current Ith		А	10
Resistance per pole (ave	rage value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ν	6
			lb	1.34
Tightening torque (Max)				
S	Switch fixing			
			Nm	2.5
_			lbin	22.1
(Contact terminals			
			Nm	0.8
-			lbin	7
E	Body lid screw fixing			
			Nm	0.8
Conductor section			lbin	7
ŀ	AWG/Kcmil	min		16
		max		14
- I	EC	IIIdX		17
I	20	min	mm²	1or 2
		max	mm²	2.5
Cable connection				Self-releasing screw terminal



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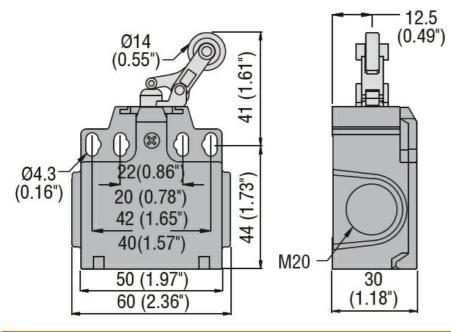


ENERGY AND AUTOMATION

KND1L20 LIMIT SWITCH, K SERIES, ROLLER SIDE PUSH LEVER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 2NO SLOW ACTION. PLASTIC ROLLER

Cable entry				M20 on the sides
Operations				
Mechanical life			cycles	<1000000
Mechanical operation	on		cycles/h	3600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Prote	ection			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions

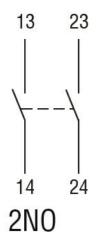


Wiring diagrams



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

Slow action



Certifications and cor	npliance	
Compliance		
	CSA C22.2 n° 14	
	EN 50047	
	IEC/EN 60204-1	
	IEC/EN 60947-1	
	IEC/EN 60947-5-1	
	UL508	
Certificates		
	222	
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC000030 - End switch

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