## ENERGY AND AUTOMATION

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



KMC1L20

Product designation	Roller centre push lever
Product type designation	KMC
General characteristics	
Material	

		Housing		Aluminium-zinc alloy
		Roller		Plastic
Contact characteristic	S			
Type of contact				2NO Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 de	signation			A300 Q300
Rated insulation voltage			V	440
Rated impulse withsta	ind voltage Uimp		kV	4
Short-circuit protection	n with fuse		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 (a	average value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ν	6
			lb	1.34
Tightening torque (Ma	x)			
	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		16
		max		14
	IEC		-	
		min	mm²	1or 2
		max	mm²	2.5
Cable connection				Self-releasing screw terminal

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Cable entry				M20 on the bottom
Operations				
Mechanical life			cycles	<1000000
Mechanical operation	1		cycles/h	3600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protec	tion			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				
	12.5 (0.49")			
Ø14 (0.55") Ø4.3 (0.16")				

(0.86'')

20 (0.78")

30

(1.18"

54.5 (2.1

M20

C

30

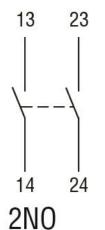
(1.18")

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## Slow 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					
	000				
	cULus				
	EAC				
ETIM classification					
ETIM 8.0		EC000030 - End switch			