KCD1L11



Material

LIMIT SWITCH, K SERIES, ROLLER SIDE PUSH LEVER, 2 SIDE CABLE ENTRY. DIMENSIONS **electric** COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION. PLASTIC ROLLER



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

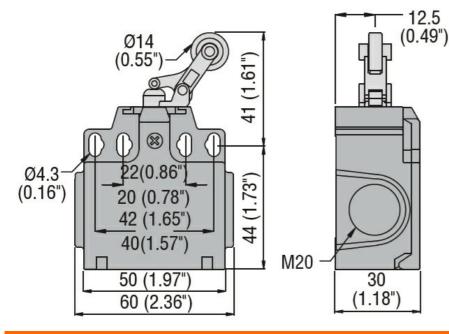
Roller Plastic Contact characteristics 2NC Slow action Type of contact 2NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation A 600 O600 Rated insulation voltage Uimp V 690 Rated insulation voltage Uimp kV 6 Insulation class II 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 max m/s 1.5 15 IEC Conventional free air thermal current lth A 10 10 gG/SC QUICK FUSE Switching speed max m/s 1.5 IEC Conventional free air thermal current lth A 10 Mechanical features uick fixing 10 Operating head fixing Locking bayonet insert 10 Operating torque N 6 Ibin 74 10 Operating torque (Max) Switch fixing Nm 2.5 Ibin 7 Edition 2.5 Ibin 7			Housing		Polymer thermoplastic
Contact characteristics 2NC Slow action Type of contact A 10 IEC/EN 60947-5-1 designation A600 Q600 Rated insulation voltage Ui V 690 Rated inpulse withstand voltage Uimp kV 6 Insulation class II 10 gG/SC Short-circuit protection with fuse Class/A 10 gG/SC Switching speed min m/s 0.5 FEC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mΩ <10			Roller		-
Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q600 Rated insulation voltage Ui V 690 Rated insulation voltage Uimp KV 6 Insulation class II 10 gG/SC Switching speed min m/s 0.5 Switching speed min m/s 1.5 IEC Conventional free air thermal current lth A 10 0 Mechanical features m0Q <10	Contact characteristics	6			
Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q600 Rated insulation voltage Uin V 690 Rated insulation voltage Uimp KV 6 Insulation class II 10 gG/SC Switching speed Class/A 10 gG/SC Switching speed min m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10	Type of contact				2NC Slow action
Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II 10 gG/SC Short-circuit protection with fuse Class/A 10 gG/SC Switching speed min m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10				А	10
Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II 10 gG/SC Short-circuit protection with fuse Class/A 10 gG/SC Switching speed min m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10	IEC/EN 60947-5-1 des	signation			A600 Q600
Insulation class II Short-circuit protection with fuse Class/A 10 gG/SC GUICK FUSE Switching speed min m/s 0.5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) Mechanical features Operating head fixing Operating torque N 6 Ib 1.34 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil Min 16 max 14 IEC min mm ² 1 or 2				V	690
Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Rated impulse withsta	nd voltage Uimp		kV	6
Short-Circuit protection with fuse Class/A QUICK FUSE Switching speed min 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	Insulation class				II
min 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	Short-circuit protection	with fuse		Class/A	
max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10	Switching speed				
IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10			min	m/s	0.5
Resistance per pole (average value) mΩ <10			max	m/s	1.5
Mechanical features Locking bayonet insert Operating head fixing Locking bayonet insert Operating torque N 6 Ib 1.34 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section Nm 0.8 AWG/Kcmil min 16 max 14 IEC min min min min 10 f2	IEC Conventional free	air thermal current Ith		А	10
Operating head fixing Locking bayonet insert Operating torque N 6 Ib 1.34 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Ibin 7 Conductor section AWG/Kcmil min 16 IEC min 14		verage value)		mΩ	<10
Operating head hixing insert Operating torque N 6 Ib 1.34 Tightening torque (Max) Switch fixing Nm Switch fixing Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil min 16 IEC min mm 10r 2	Mechanical features				
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Ib 1.34 Tightening torque (Max) Switch fixing Nm 2.5 lbin 22.1 22.1 Contact terminals Nm 0.8 lbin 7 3 Body lid screw fixing Nm 0.8 lbin 7 3 Conductor section AWG/Kcmil Info flc min 16 max 14 14	Operating torque				
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Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil 7 AWG/Kcmil 16 IEC 14 IEC 10 r 2		Contact terminals			
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Ibin 7 Conductor section AWG/Kcmil min 16 max 14 IEC min mm²		Body lid screw fixing		N.L.	
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AWG/Kcmil min 16 max 14 IEC min mm ² 1or 2	Conductor contion			nidi	1
min 16 max 14 IEC min mm ² 1or 2	Conductor section				
IEC min mm² 1or 2		AWORKIM	min		16
IEC min mm ² 1or 2					
min mm² 1or 2		IEC	max		
		-	min	mm²	1or 2
			max	mm²	2.5



ENERGY AND AUTOMATION

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			<u> </u>
Cable connection			Self-releasing
			screw terminal
Cable entry			M20 on the sides
Operations			
Mechanical life		cycles	<1000000
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			
IP degree			
	Terminals		IP20
	Body housing		IP65
Pollution degree			3
Dimensions			



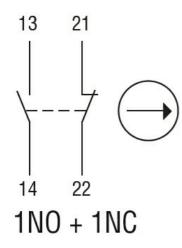
Wiring diagrams





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Slow action



Certifications and	l 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 classificatio	on	
		EC000030 - End

ETIM 8.0

switch