## electric ENERGY AND AUTOMATION

LIMIT SWITCH, K SERIES, ROLLER LEVER PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 2NC SLOW ACTION. RUBBER ROLLER



Product designation	Roller lever plunger
Product type designation	KCE
General characteristics	
Material	

		Housing		Polymer
		Roller		thermoplastic Rubber
Contact characteristics	3	Roller		Rubbel
Type of contact				2NC Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 de	signation			A600 Q600
Rated insulation voltage Ui			V	690
Rated impulse withstand voltage Uimp			kV	6
Insulation class				
Short-circuit protection	with fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed				
		min	m/s	0.5
		max	m/s	1.5
IEC Conventional free			Α	10
Resistance per pole (a	average value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ncm	3
	-		ozin	4.25
Tightening torque (Max				
	Switch fixing			o -
			Nm	2.5
			lbin	22.1
	Contact terminals		Nm	0.8
			lbin	0.8 7
	Body lid screw fixing			/
	body ha screw fixing		Nm	0.8
			lbin	7
Conductor section				
-	AWG/Kcmil			
		min		16
		max		14
	IEC			
		min	mm²	1or 2
		max	mm²	2.5

**KCE3L02** 



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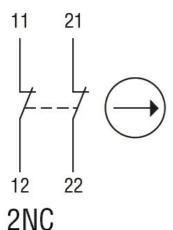
			ROLLER
			Self-releasing
Cable connection			screw terminal
Cable entry			M20 on the sides
Operations			
Mechanical life		cycles	<1000000
Mechanical operation		cycles/h	3600
Ambient conditions			
Temperature			
Operating temperature		° <b>^</b>	05
	min	°C °C	-25 +70
Storage temperature	max	U	+70
Stolage temperature	min	°C	-40
	max	°C	+70
Resistance & Protection	пах	Ū	110
IP degree			
Term	inals		IP20
Body hou	ising		IP65
Pollution degree			3
Dimensions			
40 (1.57")			
Ø50x10			
(1.97"x0.39")			
Ø4.3 22(0.86")			
(0.16") 20 (0.78") $(1.05")$			
40(1.57")			
50 (1.97") 30			
<u>50 (1.97")</u> <u>60 (2.36")</u> <u>30</u> (1.18")			

Wiring diagrams



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## Slow action



## Certifications and compliance Compliance CSA C22.2 n° 14 EN 50047 EN 50047 IEC/EN 60204-1 IEC/EN 60947-1 IEC/EN 60947-5-1 UL508 Certificates CCC cULus EAC ETIM classification EC000000\_Ead

**ETIM 8.0** 

EC000030 - End switch

**KCE3L02**