

LIMIT SWITCH, K SERIES, KEY OPERATED, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION. STRAIGHT "T" KEY



Registance part Par	Product designation Product type designati	on			Key operated KCN
Mousing					KON
Mousing Polymer thermoplastic thermopla					
Contact characteristics Type of contact 1NO+1NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation X 600 Q600 Rated insulation voltage Ui V 60 Insulation class II II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 EC Conventional free air thermal current lth A 10 Resistance per pole (average value) m? <10			Housing		
Type of contact 1804-1805 2006-2006-2006-2006-2006-2006-2006-2006	Key shape				Straight "T"
Speed of contact	Contact characteristics				
EC/EN 60947-5-1 designation	Type of contact				
Rated insulation voltage Ui	Thermal current Ith			Α	10
Rated impulse withstand voltage Uimp kV 6 Insulation class II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s m/s m/s m/s 1.5 0.5 max m/s 1.5 IEC Conventional free air thermal current Ith A 10 10 Resistance per pole (average value) m? < 10	IEC/EN 60947-5-1 des	IEC/EN 60947-5-1 designation			A600 Q600
Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE				V	690
Short-circuit protection with fuse Class/A QUICK FUSE 10 gG/SC QUICK FUSE Switching speed min m/s m/s 0.5 max m/s 1.5 1.5 IEC Conventional free air thermal current lth A 10 10 Resistance per pole (average value) m? < 10	Rated impulse withstar	Rated impulse withstand voltage Uimp		kV	6
Switching speed Switching speed	Insulation class				
Min m/s	Short-circuit protection	with fuse		Class/A	
Max M/s 1.5 IEC Conventional free air thermal current lth	Switching speed				
EC Conventional free air thermal current Ith Resistance per pole (average value) m? <10			min	m/s	0.5
Resistance per pole (average value) m? <10 Mechanical features Operating head fixing Locking bayonet insert Operating torque N 8 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Conductor section AWG/Kcmil			max		
Mechanical features Operating head fixing Locking bayonet insert Operating torque N 8 Ib 1.8 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					
Cocking bayonet insert Cocking bayonet insert		verage value)		m?	<10
Operating torque	Mechanical features				
N 8 1b 1.8	Operating head fixing				
B	Operating torque				
Switch fixing Nm 2.5					8
Switch fixing				Ib	1.8
Nm 2.5	Tightening torque (Max				
Ibin 22.1		Switch fixing			
Contact terminals					
Nm 0.8				lbin	22.1
Body lid screw fixing Nm 0.8 lbin 7		Contact terminals			
Body lid screw fixing Nm 0.8					
Nm 0.8		Dody lid ograv fivir :		niai	1
Conductor section AWG/Kcmil min 16		body lid screw lixing		Nim	0.0
Conductor section AWG/Kcmil min 16					
AWG/Kcmil min 16	Conductor section			IUIII	ı
min 16	Conductor Section	AWG/Kcmil			
		/ (VV O/ (Collin)	min		16
			max		14

IEC

mm²

mm²

min

max

1or 2

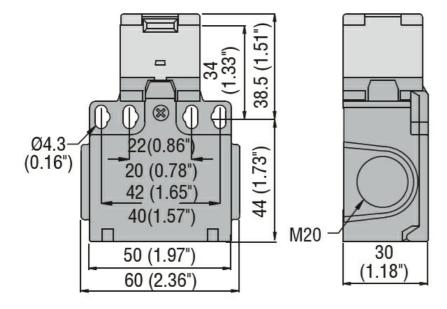
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ENERGY AND AUTOMATION

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STRAIGHT "T" KEY

Cable connection				Self-releasing screw terminal
Cable entry				M20 on the sides
Weight			g	107
Operations				
Mechanical life			cycles	100000
B10d			cycles	100000
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 & Protect	ion			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				



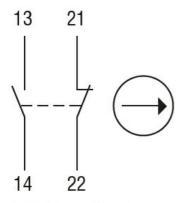
Wiring diagrams



LIMIT SWITCH, K SERIES, KEY OPERATED, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION.

STRAIGHT "T" KEY

Slow action



1NO + 1NC

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