

LIMIT SWITCH, K SERIES, HINGE OPERATING, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 1NO+1NC SLOW ACTION. LONG SOLID SHAFT



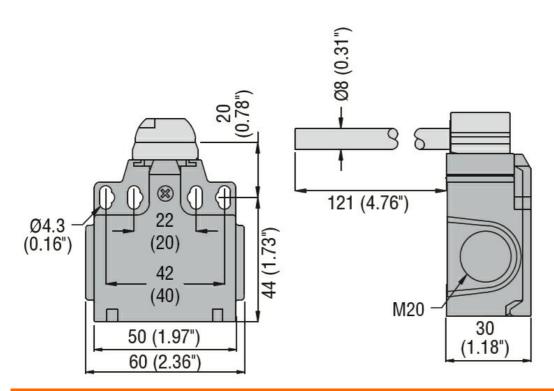
General characteristics Aluminium-zind alloy Rod material Long solid Contact characteristics 1NO+1NC Slog action Type of contact A 10 IEC/EN 60947-5-1 designation A 300 Q300 Rated insulation voltage Ui V 440 Rated impulse withstand voltage Uimp kV 4 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 max m/s 1.5 1.5 IEC Conventional free air thermal current Ith A 10 10 Resistance per pole (average value) mΩ <10 0 Operations Wechanical life cycles 100000 100000 Mechanical operation cycles/h 3600 0 Output characteristics Mechanical life cycles 100000 Mechanical life cycles 100000 Mechanical features Locking bayon	Product designation Product type designatio	n			Hinge operating KNP
Received the part of the par					Tata
Aluminium-zinci alloy Aluminium-zinci alloy Contact Contact characteristics Long solid Contact characteristics Type of contact Thermal current Ith A 10 EC/EN 60947-5-1 designation A 40 EC/EN 60947-5-1 designation A 40 Rated insulation voltage Ui V 440 Rated insulation voltage Uimp kV 4 Rated insulation voltage Uimp kV 4 Short-circuit protection with fuse Class / A 0 Class / A 10 Class / A 10 Conventional free air thermal current Ith A 10 Resistance per pole (average value) mm 1.5 Conventional free air thermal current Ith A 10 Resistance per pole (average value) mm 0 Coperations Cycles 100000 Coperating department Cycles 100000 Coperating features					
Contact characteristics Type of contact INO+1NC Slot action Thermal current lth A 10 IEC/EN 60947-5-1 designation V 440 Rated insulation voltage Uirp kV 4 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 max 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) max m/s 1.5 Operations wcycles 100000 Mechanical life cycles 100000 Mechanical operation cycles 100000 Mechanical fleatures cycles 100000 Operating head fixing cycles 100000 Operating torque Ncm 15 Tightening torque (Max) switch fixing Ncm 25 Contact terminals Nm 0.8 Inimity 10.8 1.0 Inimity 10.8 1.0 Inimity 10.0	Housing Material				Aluminium-zinc alloy
Type of contact Type of contact Thermal current ith Thermal current	Rod material				Long solid
Speed contact	Contact characteristics				
A 300 Q300 Rated insulation voltage Ui	Type of contact				1NO+1NC Slow action
Rated insulation voltage Ui V 440 Rated impulse withstand voltage Uimp kV 4 Short-circuit protection with fuse class/A QUICK FUSE Switching speed min m/s 0.5 max m/s IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Thermal current Ith			Α	10
Rated impulse withstand voltage Uimp kV 4 Short-circuit protection with fuse class/A 10 gG/SC QUICK FUSE Switching speed min m/s	IEC/EN 60947-5-1 design	gnation			A300 Q300
Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE	Rated insulation voltage	Ui		V	440
Smitching speed Switching	Rated impulse withstand	l voltage Uimp		kV	4
Min m/s	Short-circuit protection v	vith fuse		Class/A	
Max	Switching speed				
EC Conventional free air thermal current Ith Resistance per pole (average value) mΩ <10			min		
Resistance per pole (average value) mΩ <10 Operations Accepted an incident of the contract of t			max		
Operations Mechanical life cycles 100000 B10d cycles 100000 Mechanical operation cycles/h 3600 Output characteristics Mechanical life cycles 100000 Mechanical features Coperating head fixing Locking bayon insert Operating torque Ncm 15 ozin 21.2 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 2.5 Ibin 2.5 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7					
Mechanical life cycles 100000 B10d cycles 100000 Mechanical operation cycles/h 3600 Output characteristics Mechanical life cycles 100000 Mechanical features Operating head fixing Locking bayon insert Operating torque Ncm 15 ozin 21.2 Tightening torque (Max) Switch fixing Nm 2.5 lbin 22.1 Contact terminals Nm 0.8 lbin 7 Body lid screw fixing		erage value)		mΩ	<10
B10d cycles 100000 Mechanical operation cycles/h 3600 Output characteristics Mechanical life cycles 100000 Mechanical life cycles 100000 Mechanical features Locking bayon insert Operating head fixing Ncm 15 ozin 21.2 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 On 15 Ibin 7 Ibin 15 Ibin 7 Ibin 7 Ibin 7 Ibin 15 Ibin 7 Ibin 15					
Mechanical operation cycles/h 3600 Output characteristics Wechanical life cycles 100000 Mechanical features Locking bayon insert Operating head fixing Ncm 15 ozin 21.2 Tightening torque (Max) Switch fixing Nm 2.5 lbin 22.1 Contact terminals Nm 0.8 lbin 7 Body lid screw fixing Nm 0.8 lbin 7				-	
Output characteristics Mechanical life cycles 100000 Mechanical features Locking bayon insert Operating torque Ncm 15 ozin 21.2 Tightening torque (Max) Nm 2.5 lbin 22.1 Contact terminals Nm 0.8 lbin 7 Body lid screw fixing Nm 0.8 lbin 7					
Mechanical life cycles 100000 Mechanical features Coperating head fixing Locking bayon insert Ncm 15 ozin 21.2 Tightening torque (Max) Switch fixing Nm 2.5 lbin 22.1 Contact terminals Nm 0.8 lbin 7 Body lid screw fixing Nm 0.8 lbin 7				cycles/h	3600
Mechanical features Operating head fixing Locking bayon insert Operating torque Ncm 15 ozin 21.2 Tightening torque (Max) Switch fixing Image: Contact terminals Nm 2.5 lbin 22.1 Contact terminals Nm 0.8 lbin 7 Body lid screw fixing Nm 0.8 lbin 7					
Cocking bayon insert				cycles	100000
Operating fread fixing Insert	Mechanical features				
Ncm 15 ozin 21.2	Operating head fixing				Locking bayonet insert
Tightening torque (Max) Switch fixing Nm 2.5 lbin 22.1 Contact terminals Nm 0.8 lbin 7 Body lid screw fixing Nm 0.8 lbin 7	Operating torque				
Tightening torque (Max) Switch fixing Nm				Ncm	
Nm 2.5				ozin	21.2
Nm 2.5	Tightening torque (Max)				
Ibin 22.1		Switch fixing			
Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7					
Nm 0.8				lbin	22.1
Body lid screw fixing Nm 0.8 Ibin 7		Contact terminals			
Body lid screw fixing Nm 0.8 Ibin 7					
Nm 0.8 Ibin 7		5		Ibin	/
Ibin 7		Body lid screw fixing			
				Ibin	/

AWG/Kcmil



LIMIT SWITCH, K SERIES, HINGE OPERATING, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 1NO+1NC SLOW ACTION. LONG SOLID SHAFT

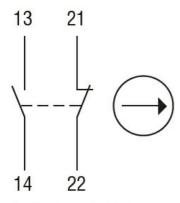
		min		16
		max		14
	IEC			
		min	mm²	1or 2
		max	mm²	2.5
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the sides
Ambient conditions				
Pollution degree				3
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
			0.0	40
		min	°C	-40
		min max	°C	-40 +70



Wiring diagrams

LIMIT SWITCH, K SERIES, HINGE OPERATING, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 1NO+1NC SLOW ACTION. LONG SOLID SHAFT

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