

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



Top roller push Product designation plunger KBB Product type designation

$\sim$			
( - anara	Char	actari	CTICC
Genera	ulaid	101011	อแบอ

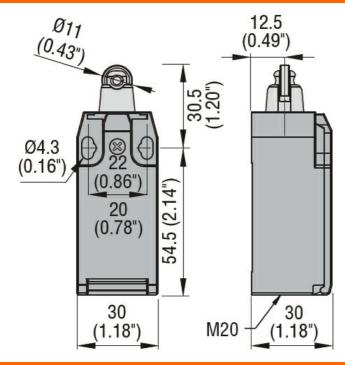
late	

Housing   Roller   Polymer Intermoplastic   Roller   Polymer Intermoplastic   Roller   Polymer Intermoplastic   Metal	Material				
Property   Property			Housing		
Property   Property			-		•
Type of contact			Roller		Metal
Thermal current lith					0110 01 11
EC/EN 60947-5-1 designation					
Rated insulation voltage Uing         V         690           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         0.5           EC Conventional free air thermal current Ith         A         10           Resistance per pole (average value)         mΩ         <0				A	
Rated impulse withstand voltage Ulimp   Insulation class   Insulatio					
Insulation class					
Short-circuit protection with fuse   Class/A   10 gG/SC QUICK FUSE		nd voltage Uimp		kV	
Smitching speed   Smitching speed	Insulation class				
IEC Conventional free air thermal current lth max m/s 1.5     IEC Conventional free air thermal current lth max m/s 1.5     IEC Conventional free air thermal current lth max m/s 1.5     IEC Conventional free air thermal current lth max 10     IEC Conventional free air thermal current lth max 10     IEC	Short-circuit protection	with fuse		Class/A	
EC Conventional free air thermal current Ith	Switching speed				
EC Conventional free air thermal current Ith 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           Operating head fixing         Locking bayonet insert           Operating torque         N         5           Ib         1.1           Tightening torque (Max)         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         mm²         1 or 2	IEC Conventional free	air thermal current Ith		Α	10
Cocking bayonet insert insert insert	Resistance per pole (a	verage value)		mΩ	<10
Insert   I	Mechanical features				
N   5   1b   1.1	Operating head fixing				
Tightening torque (Max)   Switch fixing   Nm   2.5	Operating torque				
Switch fixing   Switch fixing   Nm   2.5				Ν	5
Switch fixing   Nm   2.5				lb	1.1
Nm   2.5	Tightening torque (Max	()			
Din   22.1		Switch fixing			
Contact terminals				Nm	2.5
Nm   0.8				lbin	22.1
Body lid screw fixing		Contact terminals			
Body lid screw fixing				Nm	0.8
Nm   0.8     1bin   7				lbin	7
Section   AWG/Kcmil   Min   16   Max   14     IEC   Min   Mm²   1 or 2		Body lid screw fixing			
AWG/Kcmil				Nm	0.8
AWG/Kcmil  min 16  max 14  IEC  min mm² 1or 2				lbin	7
min     16       max     14       IEC     min     mm²     1 or 2	Conductor section				
max		AWG/Kcmil			
IEC min mm² 1or 2			min		
min mm² 1or 2			max		14
		IEC			
max mm² 2.5			min		
			max	mm²	2.5



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

Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Operations				
Mechanical life			cycles	<10000000
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	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree			•	3
Dimensions				

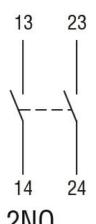


Wiring diagrams



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

## 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

CCC

cULus

EAC

ETIM classification

ETIM 8.0 EC000030 - End switch