## LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NC SLOW ACTION. PLASTIC ROLLER



Product designation

Product type designation

Roller centre push lever KBC

Conora	characteristic	50
General	CHAIAGEHSIII	

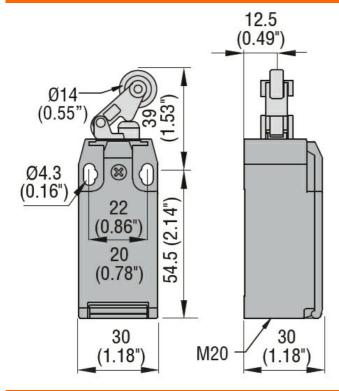
Material

Roller	Material		Housing		Polymer thermoplastic
Type of contact   Thermal current lith	Contact characteristics		Rollel		Plastic
Thermal current lth					2NC Slow action
EC/EN 60947-5-1 designation				Α	
Rated insulation voltage Ui         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 max           EC Conventional free air thermal current lth         A         10           Resistance per pole (average value)         mΩ         <10		signation			
Rated impulse withstand voltage Uimp         kV         6           Insulation class         □ Insulation class         □ Insulation class           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         <10	-			V	
Short-circuit protection with fuse   Class/A   Class/				kV	
Switching speed   Part   Pa	Insulation class	·			П
Min m/s	Short-circuit protection	n with fuse		Class/A	
Max   M/s   1.5     IEC Conventional free air thermal current lth   A   10     Resistance per pole (average value)   mΩ   <10     Mechanical features	Switching speed				
IEC Conventional free air thermal current lth Resistance per pole (average value) mΩ < 10			min	m/s	0.5
Resistance per pole (average value)   mΩ   <10			max	m/s	
Mechanical features           Operating head fixing         Locking bayonet insert           Operating torque         N 6 1b 1.34           Tightening torque (Max)         Nm 2.5 1bin 22.1           Switch fixing         Nm 0.8 1bin 7           Contact terminals         Nm 0.8 1bin 7           Body lid screw fixing         Nm 0.8 1bin 7           Conductor section         AWG/Kcmil           min min min max         16 16 16 16 16 16 16 16 16 16 16 16 16 1					
Operating head fixing         Locking bayonet insert           Operating torque           N         6         1b         1.34           Tightening torque (Max)         Switch fixing         Nm         2.5         1bin         2.2.1           Contact terminals         Nm         0.8         1bin         7           Body lid screw fixing         Nm         0.8         1bin         7           Conductor section         AWG/Kcmil         min         16         min         16           min         min         16         max         14		average value)		mΩ	<10
Digital production   Digital	Mechanical features				
N 6   1b 1.34	Operating head fixing				
Tightening torque (Max)   Switch fixing   Nm   2.5	Operating torque				_
Switch fixing   Nm   2.5					
Switch fixing   Nm   2.5				lb	1.34
Nm   2.5	Tightening torque (Max	•			
Din   22.1		Switch fixing			
Contact terminals					
Nm   0.8		Contact to making la		IDIN	22.1
Body lid screw fixing   Nm   0.8     0.8     0.8     0.8     0.8     0.8     0.8     0.8     0.8     0.8     0.8     0.8   0.8     0		Contact terminals		Nim	0.0
Body lid screw fixing					
Nm   0.8     10   7		Body lid screw fixing		IDIII	
Section   Section   AWG/Kcmil   Min   16   Max   14   Min   14   Min		Body ild Sciew fixing		Nm	0.8
Conductor section  AWG/Kcmil  min 16  max 14					
AWG/Kcmil min 16	Conductor section			10111	<u>.</u>
min 16 14		AWG/Kcmil			
max 14			min		16
IEC					
		IEC			
min mm² 1or 2			min	mm²	1or 2
max mm² 2.5			max	mm²	2.5

**ENERGY AND AUTOMATION** 

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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				

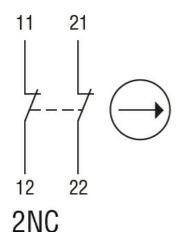


Wiring diagrams



LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NC SLOW ACTION. PLASTIC 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