

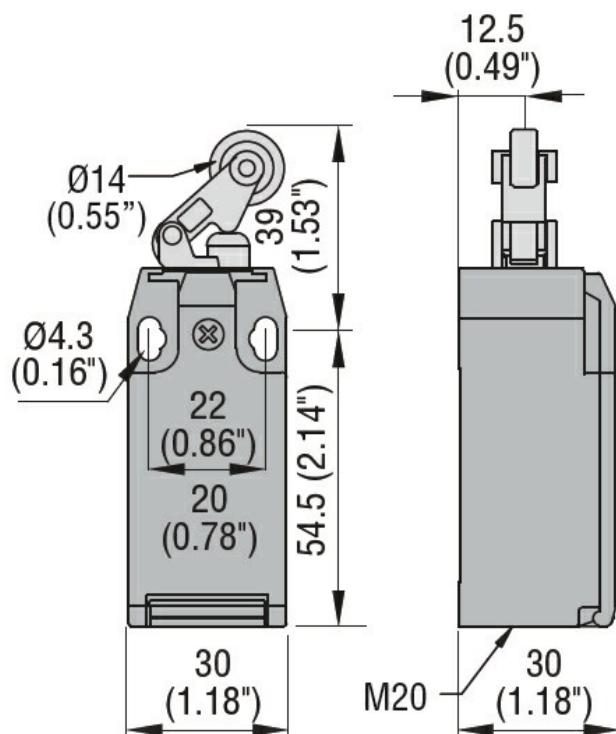
LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY.
DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 1NO+1NC SLOW ACTION MAKE
BEFORE BREAK. METAL ROLLER



Product designation	Roller centre push lever KMC				
Product type designation	KMC				
General characteristics					
Material	Housing	Aluminium-zinc alloy			
	Roller	Metal			
Contact characteristics					
Type of contact	1NO+1NC Slow action make before break				
Thermal current I_{th}	A	10			
IEC/EN 60947-5-1 designation	A300 Q300				
Rated insulation voltage U_i	V	440			
Rated impulse withstand voltage U_{imp}	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		
IEC Conventional free air thermal current I_{th}	A	10			
Resistance per pole (average value)	m?	<10			
Mechanical features					
Operating head fixing	Locking bayonet insert				
Operating torque	N	6			
	lb	1.34			
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			
Conductor section					
AWG/Kcmil	min	16			
	max	14			
IEC	min	mm ²	1 or 2		
	max	mm ²	2.5		

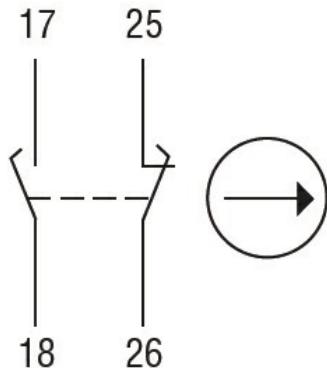
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Cable connection	Self-releasing screw terminal										
Cable entry	M20 on the bottom										
Operations											
Mechanical life	cycles <10000000										
Mechanical operation	cycles/h 3600										
Ambient conditions											
Temperature	<table> <tr> <td>Operating temperature</td> <td>min</td> <td>°C</td> <td>-25</td> </tr> <tr> <td></td> <td>max</td> <td>°C</td> <td>+70</td> </tr> </table>			Operating temperature	min	°C	-25		max	°C	+70
Operating temperature	min	°C	-25								
	max	°C	+70								
Storage temperature	<table> <tr> <td>min</td> <td>°C</td> <td>-40</td> </tr> <tr> <td>max</td> <td>°C</td> <td>+70</td> </tr> </table>			min	°C	-40	max	°C	+70		
min	°C	-40									
max	°C	+70									
Resistance & Protection											
IP degree	<table> <tr> <td>Terminals</td> <td>IP20</td> </tr> <tr> <td>Body housing</td> <td>IP65</td> </tr> </table>			Terminals	IP20	Body housing	IP65				
Terminals	IP20										
Body housing	IP65										
Pollution degree	3										
Dimensions											



Wiring diagrams

Slow action



1NO + 1NC
make before break

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