KMB2A11

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



General characteristics

Material			
	Housing		Aluminium-zinc alloy
	Roller		Metal

Contact characteristics

Type of contact			1NO+1NC Slow action make before break
Thermal current Ith		A	10
IEC/EN 60947-5-1 designation			A300 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
IEC Conventional free air thermal current Ith ≤ 40°C		A	10
Resistance per pole (average value)		mΩ	<10

Mechanical features

Operating head fixing			Locking bayonet insert
Operating torque			
		N	5
		lb	1.1
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	mm²	1.5
	max	mm²	2.5
Cable connection			Self-releasing screw terminal
Cable entry			M20 on the sides

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Operations

Mechanical life		cycles	<10000000
Mechanical operation		cycles/h	3600

Ambient conditions

Temperature

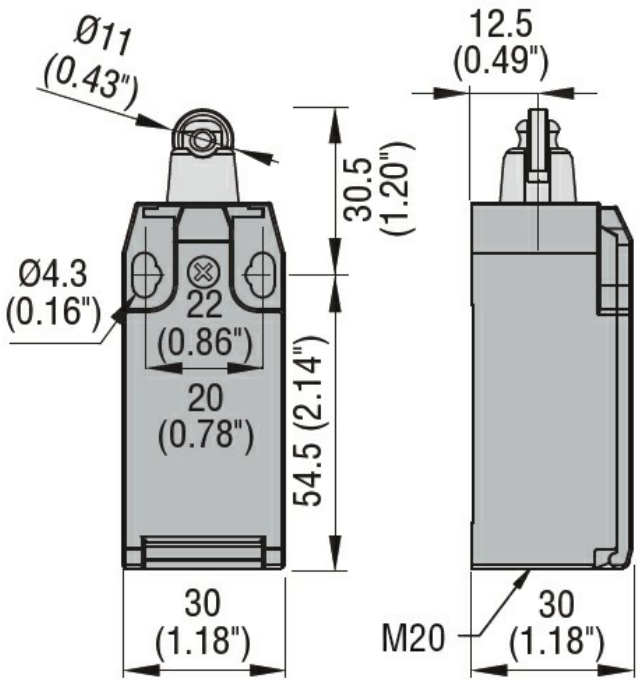
Operating temperature			
	min	°C	-25
	max	°C	+70
Storage temperature			
	min	°C	-40
	max	°C	+70

Resistance & Protection

IP degree

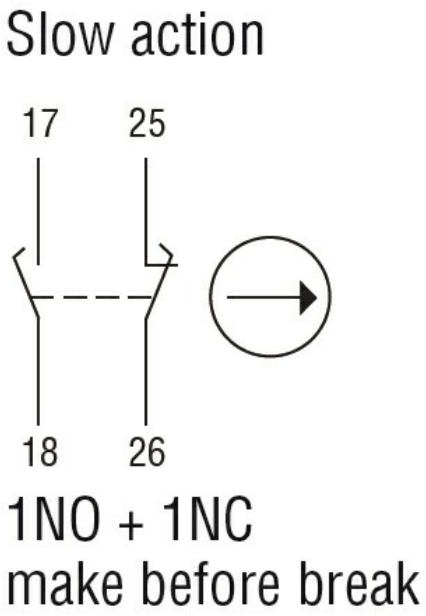
Terminals		IP20
Body housing		IP65
Pollution degree		3

Dimensions



Wiring diagrams

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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

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