

Product designation	Prewired (2m cable) metal limit switches - Roller lever plunger KPE1		
Product type designation	KPE1		
General characteristics			
Material	Housing	Aluminium-zinc alloy	
	Roller	Plastic	
Contact characteristics			
Type of contact		1NO+1NC Snap action	
Thermal current I _{th}	A	10	
IEC/EN 60947-5-1 designation		B300 R300	
Rated insulation voltage U _i	V	400	
Rated impulse withstand voltage U _{imp}	kV	4	
Insulation class		I	
IEC Conventional free air thermal current I _{th}	A	10	
Resistance per pole (average value)	mΩ	<25	
Conductivity		10mA 5V	
Mechanical features			
Operating head fixing		Fixed	
Operating torque	N	80	
	lb	0.7	
Tightening torque (Max)			
Switch fixing	Nm	2.5	
	lbin	22.1	
Weight	g	336	
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	Body housing	IP67	
Pollution degree		3	
Dimensions			
Wiring diagrams			
Certifications and compliance			
Compliance	CSA C22.2 n° 14.		
	IEC/EN 60947-1		
	IEC/EN 60947-5-1		

UL508

Certificates

cULus
EAC

ETIM classification

ETIM 8.0

EC000030 - End
switch