SAFETY SWITCH WITH SOLENOID. KEY CONTACTS 1NO+1NC. SOLENOID CONTACTS 2NC. SOLENOID SUPPLY 120VAC/DC **ENERGY AND AUTOMATION**

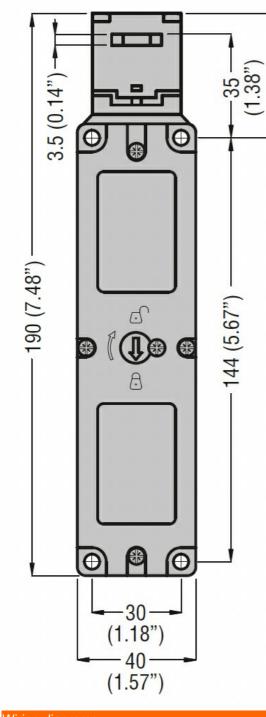
Product designation		Safety switches with solenoid
Product type designation		KEN1
General characteristics		
General characteristics		
Housing Material		Polymer thermoplastic
Contact characteristics		
Type of contact		1NO+1NC (Key), 2NC (Solenoid)
Thermal current Ith	Α	10
IEC/EN 60947-5-1 designation		A300 Q300
Rated insulation voltage Ui	V	250
Rated impulse withstand voltage Uimp	kV	2.5
Short-circuit protection with fuse	Class/A	10 gG
IEC Conventional free air thermal current Ith	А	10
Operations		
Mechanical life	cycles	1000000
B10d	cycles	4000000
Mechanical operation	cycles/h	n 600
Output characteristics		
Mechanical life	cycles	1000000
Mechanical features		
Operating head fixing		Screwed
Operating head fixing		
Operating torque	N	15 (actuator insertion), 30 (Release actuator extraction), 1200 (locked actuator holding)
Operating torque Tightening torque (Max)	N	insertion), 30 (Release actuator extraction), 1200 (locked actuator
Operating torque Tightening torque (Max) Switch fixing	N	insertion), 30 (Release actuator extraction), 1200 (locked actuator
Operating torque Tightening torque (Max)		insertion), 30 (Release actuator extraction), 1200 (locked actuator holding)
Operating torque Tightening torque (Max) Switch fixing	Nm	insertion), 30 (Release actuator extraction), 1200 (locked actuator holding)
Operating torque Tightening torque (Max) Switch fixing Contact terminals	Nm Nm	insertion), 30 (Release actuator extraction), 1200 (locked actuator holding) 2.5 0.8
Tightening torque (Max) Switch fixing Contact terminals Body lid screw fixing	Nm Nm	insertion), 30 (Release actuator extraction), 1200 (locked actuator holding) 2.5 0.8
Operating torque Tightening torque (Max) Switch fixing Contact terminals Body lid screw fixing Conductor section	Nm Nm	insertion), 30 (Release actuator extraction), 1200 (locked actuator holding) 2.5 0.8
Operating torque Tightening torque (Max) Switch fixing Contact terminals Body lid screw fixing Conductor section	Nm Nm Nm min mm²	insertion), 30 (Release actuator extraction), 1200 (locked actuator holding) 2.5 0.8
Operating torque Tightening torque (Max) Switch fixing Contact terminals Body lid screw fixing Conductor section	Nm Nm Nm nm Nm	insertion), 30 (Release actuator extraction), 1200 (locked actuator holding) 2.5 0.8 1 or 2
Tightening torque (Max) Switch fixing Contact terminals Body lid screw fixing Conductor section IEC	Nm Nm Nm min mm²	insertion), 30 (Release actuator extraction), 1200 (locked actuator holding) 2.5 0.8 1 or 2 1.5 Self-releasing
Tightening torque (Max) Switch fixing Contact terminals Body lid screw fixing Conductor section IEC Cable connection	Nm Nm Nm min mm²	insertion), 30 (Release actuator extraction), 1200 (locked actuator holding) 2.5 0.8 1 or 2 1.5 Self-releasing screw terminal

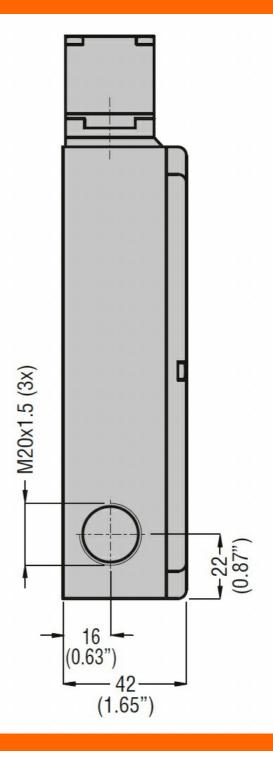
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Ambient conditions					
Pollution degree				3	
Temperature					
	Operating temperature				
		max	°C	+55	
	Storage temperature				
		min	°C	-40	
		max	°C	+70	

Dimensions



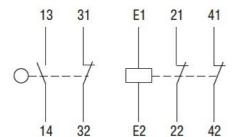


Wiring diagrams

electric

SAFETY SWITCH WITH SOLENOID. KEY CONTACTS 1NO+1NC. SOLENOID CONTACTS 2NC.

SOLENOID SUPPLY 120VAC/DC



Certifications and compliance

Compliance

CSA C22.2 n°14

IEC/EN 60204

IEC/EN 60947-1

IEC/EN 60947-5-1

UL508

UNI EN ISO 14119

Certificates

cULus

EAC

ETIM classification

ETIM 8.0 EC000030 - End switch