SAFETY SWITCH WITH SOLENOID. KEY CONTACTS 1NC. SOLENOID CONTACTS 2NC+1NO. SOLENOID SUPPLY 230VAC/DC **ENERGY AND AUTOMATION**

Product designation				Safety switches with solenoid
Product type designa	ition			KEN1
General characteristic				
Material				
		Housing		Polymer thermoplastic
Contact characteristic	os en			
Type of contact				1NC (Key), 2NC+1NO (Solenoid)
Thermal current Ith			Α	10
IEC/EN 60947-5-1 de				A300 Q300
Rated insulation volta			V	250
Rated impulse withsta			kV	2.5
Short-circuit protection			Class/A	10 gG
	e air thermal current Ith		Α	10
Mechanical features				
Operating head fixing				Screwed
Operating torque			N	15 (actuator insertion), 30 (Release actuator extraction), 1200 (locked actuator holding)
Tightening torque (Ma	·			
	Switch fixing			0.5
	Octobridge		Nm	2.5
	Contact terminals		Nice	0.0
	Body lid screw fixing		Nm	0.8
	Body lid screw lixing		Nm	0.8
Conductor section				
	IEC			
		min	mm²	1 or 2
		max	mm²	1.5
Cable connection				Self-releasing

Ambient conditions				
KEN1E1230F	The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding			

Mechanical operation

Cable entry

Operations Mechanical life

Weight

B10d

screw terminal

3 x M20

1000000

4000000

440

600

g

cycles

cycles

cycles/h

electric

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Temperature

Operat	ing	temp	erat	ure

	max	°С	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	

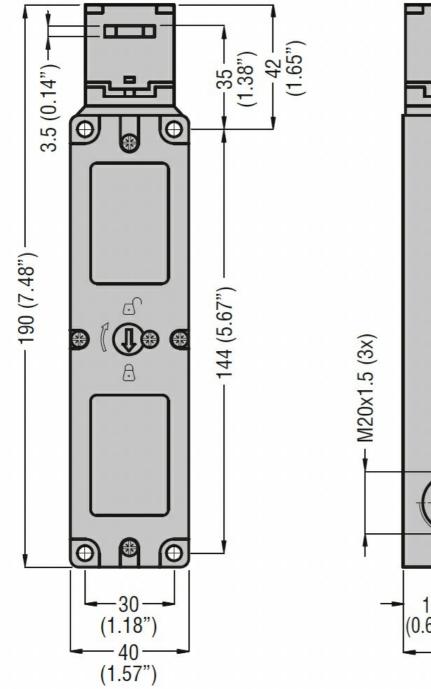
Resistance & Protection

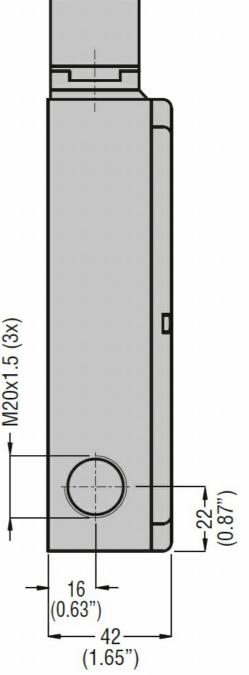
IP degree

•	Terminals	IP20
	Body housing	IP65

Pollution degree

Dimensions [mm (in)]

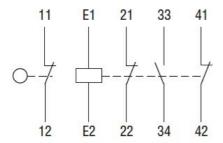




Wiring diagrams

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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