KEN1M3230F

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

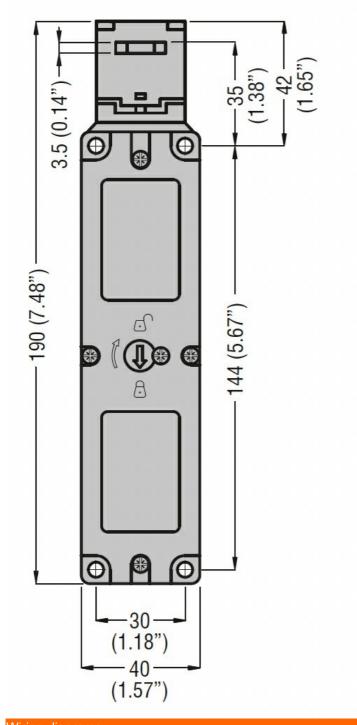
			American The Am
Product designation			Safety switches with solenoid
Product type designation			KEN1
General characteristics			
General characteristics			
Housing Material			Polymer thermoplastic
Contact characteristics			
Type of contact			1NO+1NC (Key), 2NC (Solenoid)
Thermal current Ith		Α	10
IEC/EN 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		Α	10
Operations			
Mechanical life		cycles	1000000
B10d		cycles	4000000
Mechanical operation		cycles/h	600
Output characteristics			
Mechanical life		cycles	1000000
Mechanical features			
Operating head fixing			Screwed
Operating torque		N	15 (actuator insertion), 30 (Release actuator extraction), 1200 (locked actuator holding)
Tightening torque (Max)			
Switch fixing		Nima	2.5
O o to at to one of the		Nm	2.5
Contact terminals		Nime	0.0
Body lid screw fixing		Nm	0.8
Body ild screw fixing		Nm	0.0
Conductor section		Nm	0.8
IEC			
ILO	min	mm²	1 or 2
	111111		1.5
		mm⁴	
	max	mm²	
Cable connection		mm²	Self-releasing
Cable connection  Cable entry		mm²	

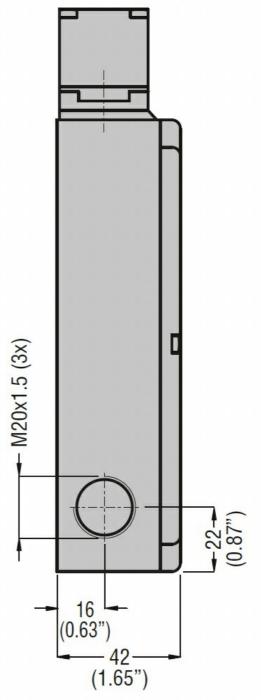
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Ambient conditions					
Pollution degree				3	
Temperature					
	Operating temperature				
		max	°C	+55	
	Storage temperature				
		min	°C	-40	
		max	°C	+70	

## **Dimensions**

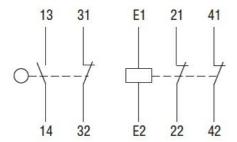




Wiring diagrams

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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