ENERGY AND AUTOMATION

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

Product designation				Safety switches with solenoid
Product type designation	n			KEN1
General characteristics				
Material				Dolumor
		Housing		Polymer thermoplastic
Contact characteristics				ANO ANO (Kara)
Type of contact				1NO+1NC (Key), 2NC (Solenoid)
Thermal current Ith			Α	10
IEC/EN 60947-5-1 desi	•			A300 Q300
Rated insulation voltage			V	250
Rated impulse withstand			kV	2.5
Short-circuit protection			Class/A	10 gG
IEC Conventional free a	ir thermal current ith		Α	10
Mechanical features Operating head fixing				Screwed
Operating torque				Sciewed
			N	15 (actuator insertion), 30 (Release actuator extraction), 1200 (locked actuator holding)
Tightening torque (Max)				
	Switch fixing			
	October 1 to accident		Nm	2.5
	Contact terminals		Nine	0.0
	Body lid screw fixing		Nm	0.8
	Body lid Screw lixing		Nm	0.8
Conductor section			14111	0.0
	IEC			
		min	mm²	1 or 2
		max	mm²	1.5
Cable sampastion				Self-releasing
Cable connection				screw terminal
Cable entry				3 x M20
Weight			g	440
Operations				
Mechanical life			cycles	1000000
B10d			cycles	4000000
Mechanical operation			cycles/h	600
Ambient conditions				
Temperature				

electric SAFETY SWITCH WITH SOLENOID. KEY CONTACTS 1NO+1NC. SOLENOID CONTACTS 2NC. SOLENOID SUPPLY 120VAC/DC

Operating temperature

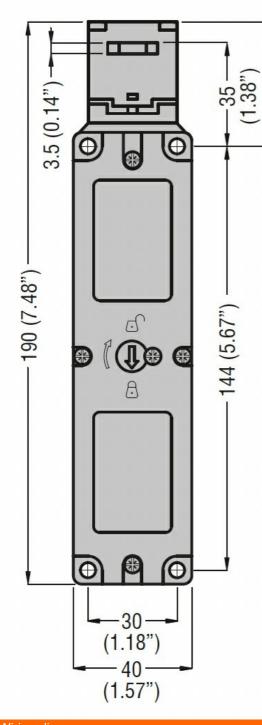
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	

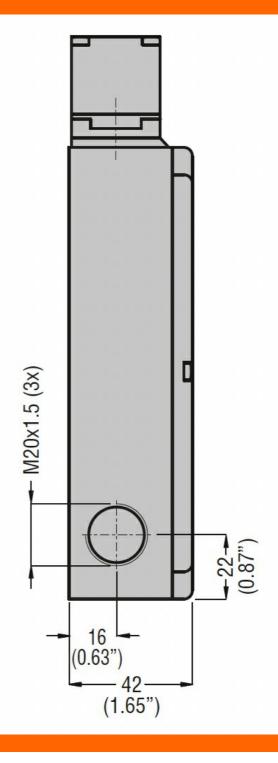
Resistance & Protection

IP degree

n aug. uu		
	Terminals	IP20
	Body housing	IP65
Pollution degree		3

Dimensions [mm (in)]



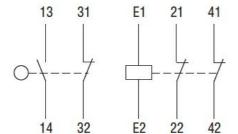


Wiring diagrams

electric

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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