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

		General Control of Con	
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	A	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	A	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			
	Nm	2.5	
Contact terminals	Nm	0.8	
Body lid screw fixing		_	
	k I	^ ^	

Nm

mm²

mm²

min

max

8.0

1 or 2

3 x M20

Self-releasing

screw terminal

1.5

440

Weight

Cable entry

Conductor section

Cable connection

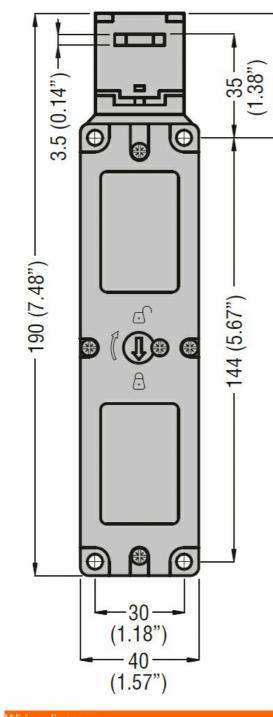
IEC

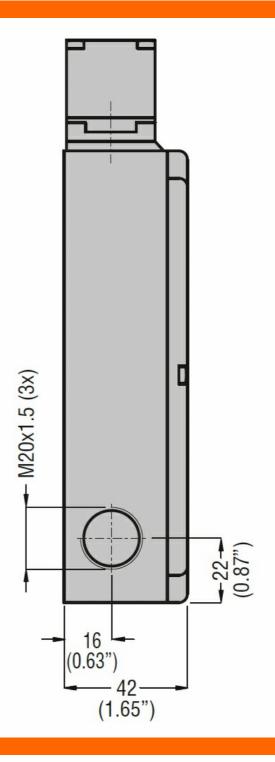
ENERGY AND AUTOMATION

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

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

Dimensions

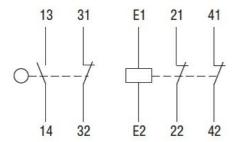




Wiring diagrams

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

ENERGY AND AUTOMATION



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