



Product designation		Safety switches with solenoid
Product type designation		KEN1
General characteristics		
Material		
	Housing	Polymer

	Housing		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
Mechanical features			
Operating head fixing			Screwed
Operating torque		Ν	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			
		Nm	0.8
Conductor section			
IEC			
	min	mm²	1 or 2
	max	mm²	1.5
Cable connection			Self-releasing screw terminal
			3 x M20
Cable entry Weight		~	440
Operations		g	440
Mechanical life		cycles	1000000
B10d		cycles	4000000
Mechanical operation		cycles/h	600
Ambient conditions		0,0100/11	

KEN1E3230F

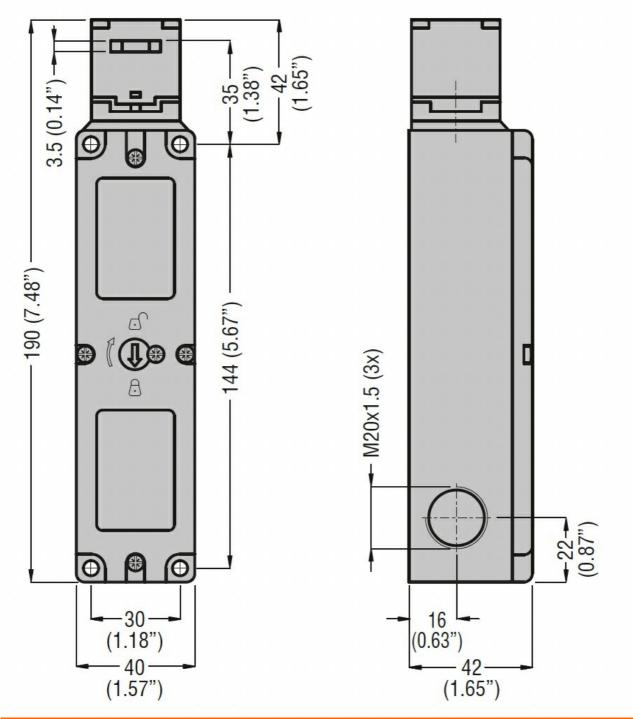


KEN1E3230F SAFETY SWITCH WITH SOLENOID. KEY CONTACTS 1NO+1NC. SOLENOID CONTACTS 2NC.

SOLENOID SUPPLY 230VAC/DC

Operating temperature				
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
IP degree				
	Terminals		IP20	
	Body housing		IP65	
Pollution degree			3	

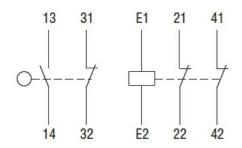
Dimensions [mm (in)]



Wiring diagrams

KEN1E3230F





Certifications and co	ompliance	
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