



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

	Housing		Polymer thermoplastic
Contact characteristics			
			1NC (Key),
Type of contact			2NC+1NO
			(Solenoid)
Thermal current Ith		А	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		А	10
Mechanical features			
Operating head fixing			Screwed
Operating torque			
			15 (actuator
			insertion), 30
		Ν	(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
Cable entry			3 x M20
Weight		g	440
Operations			
Mechanical life		cycles	1000000
B10d		cycles	4000000
Mechanical operation		cycles/h	600
Ambient conditions			

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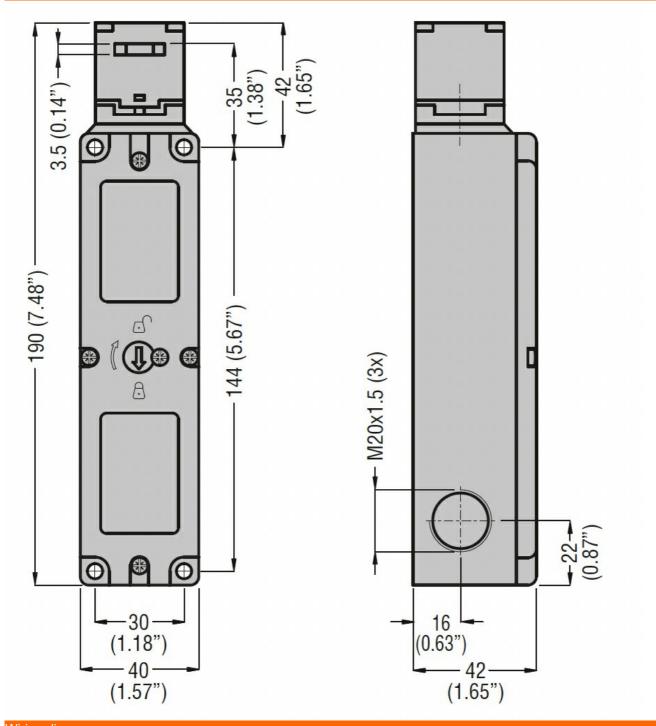


KEN1E1120F SAFETY SWITCH WITH SOLENOID. KEY CONTACTS 1NC. SOLENOID CONTACTS 2NC+1NO. SOLENOID SUPPLY 120VAC/DC

Temperature

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)]

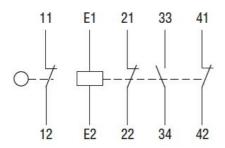


Wiring diagrams

KEN1E1120F

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Certifications and compliance

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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

KEN1E1120F