



Product designation	Safety switches with solenoid				
Product type designation	KEN1				
General characteristics					
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Housing Material	Polymer thermoplastic				
Contact characteristics					
Type of contact	1NO+1NC (Key), 2NC (Solenoid)				
Thermal current $I_{th}$	A	10			
IEC/EN 60947-5-1 designation	A300 Q300				
Rated insulation voltage $U_i$	V	250			
Rated impulse withstand voltage $U_{imp}$	kV	2.5			
Short-circuit protection with fuse	Class/A	10 gG			
IEC Conventional free air thermal current $I_{th}$	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	Nm	0.8			
Conductor section					
IEC	min	$\text{mm}^2$	1 or 2		
	max	$\text{mm}^2$	1.5		
Cable connection	Self-releasing screw terminal				
Cable entry	3 x M20				
Weight	g	440			

**Ambient conditions**

Pollution degree

3

Temperature

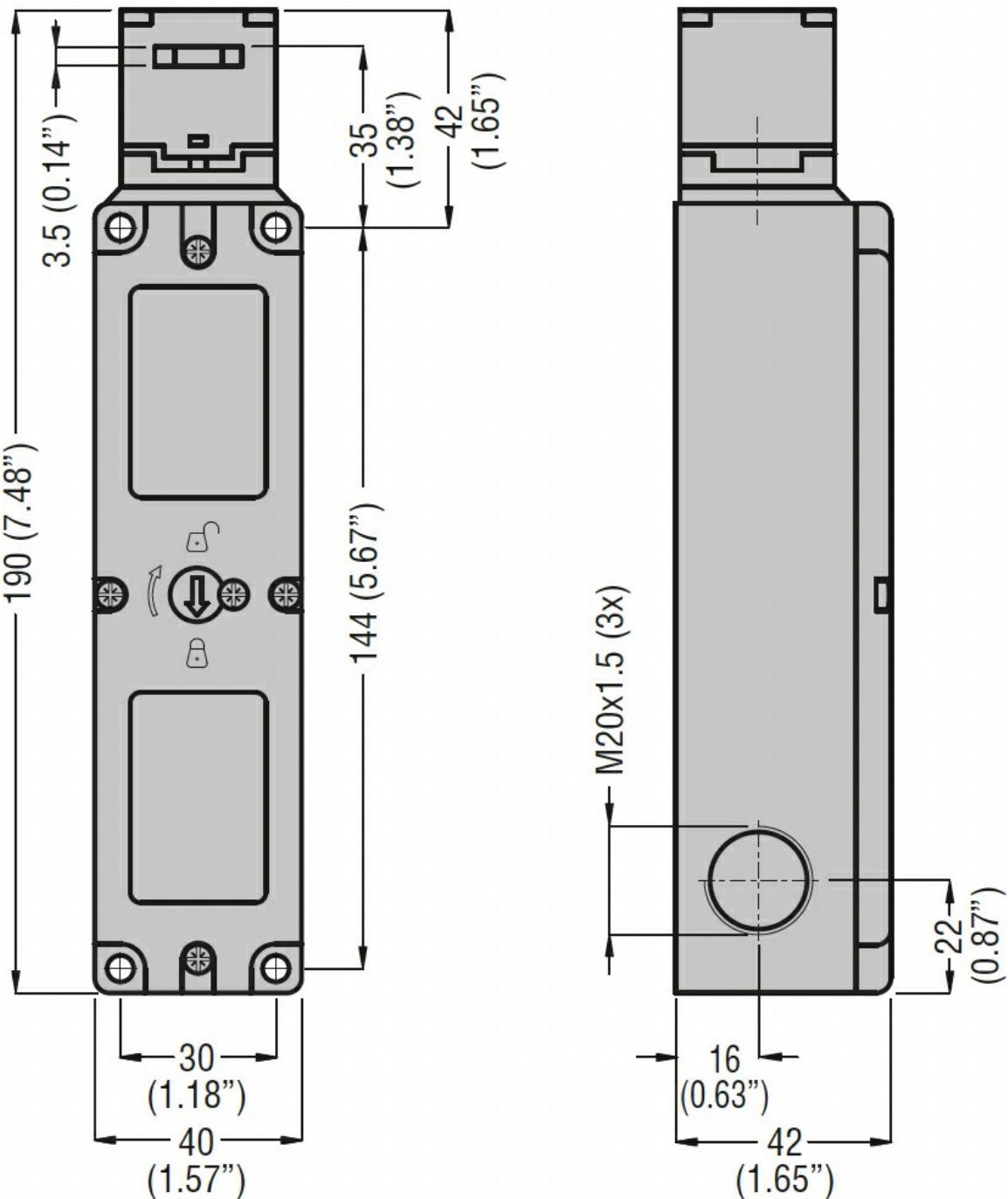
Operating temperature

max °C +55

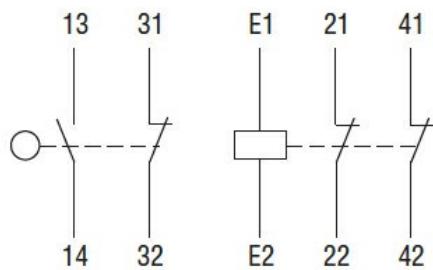
Storage temperature

min °C -40  
max °C +70

**Dimensions**



**Wiring diagrams**



### 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