



Product designation	Safety switches with solenoid					
Product type designation	KEN1					
<b>General characteristics</b>						
Material						
	Housing	Polymer thermoplastic				
<b>Contact characteristics</b>						
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				
<b>Mechanical features</b>						
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				
<b>Conductor section</b>						
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				
<b>Operations</b>						
Mechanical life	cycles	1000000				
B10d	cycles	4000000				
Mechanical operation	cycles/h	600				
<b>Ambient conditions</b>						
Temperature						

Operating temperature

max °C +55

Storage temperature

min °C -40  
max °C +70

Resistance & Protection

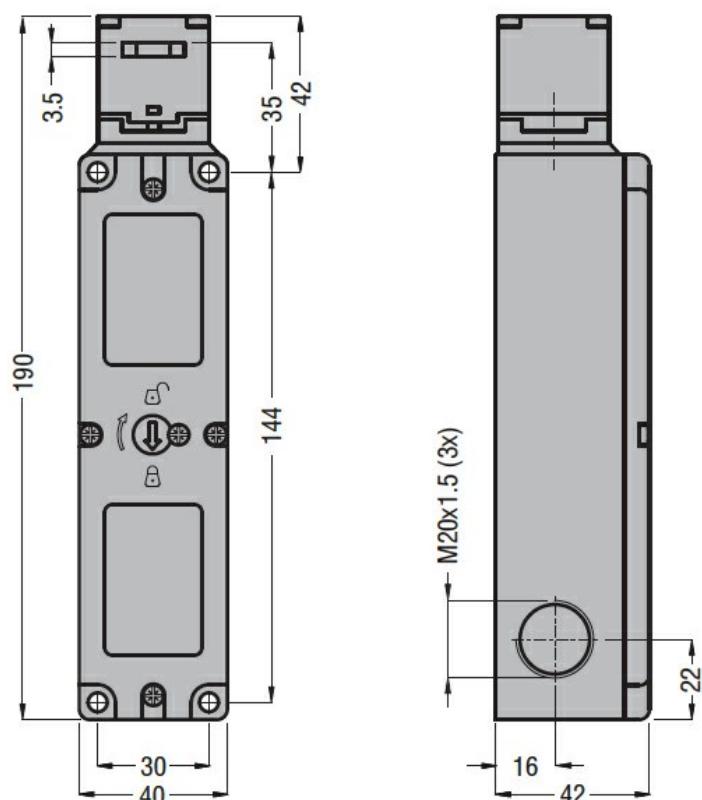
IP degree

Terminals IP20  
Body housing IP65

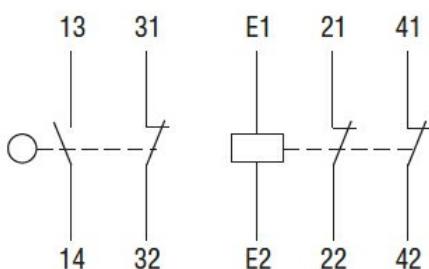
Pollution degree

3

Dimensions



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

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Certificates

cULus  
EAC

ETIM classification

ETIM 8.0

EC000030 - End  
switch