



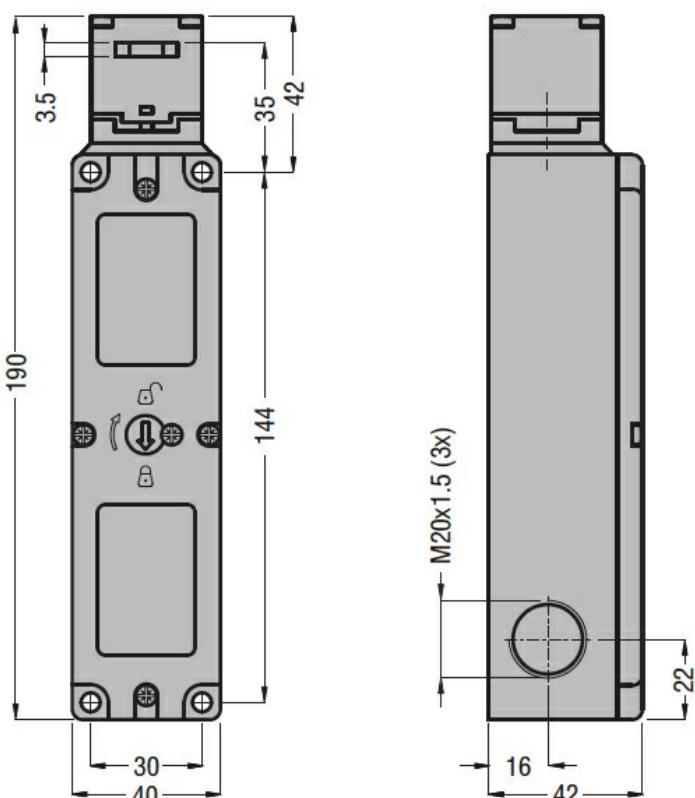
Product designation	Safety switches with solenoid		
Product type designation	KEN1		
General characteristics			
Material	Housing	Polymer thermoplastic	
Contact characteristics			
Type of contact		1NO (Key), 2NC+1NO (Solenoid)	
Thermal current $I_{th}$	A	10	
IEC/EN 60947-5-1 designation		A300 Q300	
Rated 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	
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	
Operations			
Mechanical life	cycles	1000000	
B10d	cycles	4000000	
Mechanical operation	cycles/h	600	
Ambient conditions			

Temperature

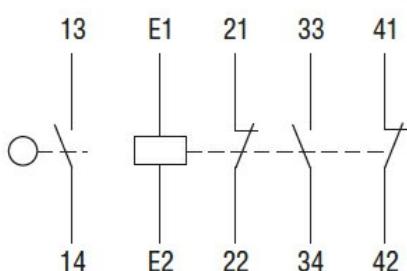
Operating temperature	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70

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