



Product designation

Safety switches  
with solenoid

Product type designation

KEN1

**General characteristics**

Material

Housing

Polymer  
thermoplastic

**Contact characteristics**

Type of contact

1NO+1NC (Key),  
2NC (Solenoid)

Thermal current I<sub>th</sub>

A

10

IEC/EN 60947-5-1 designation

A300 Q300

Rated insulation voltage U<sub>i</sub>

V

250

Rated impulse withstand voltage U<sub>imp</sub>

kV

2.5

Short-circuit protection with fuse

Class/A

10 gG

IEC Conventional free air thermal current I<sub>th</sub>

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  
max

mm<sup>2</sup>  
mm<sup>2</sup>

1 or 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**

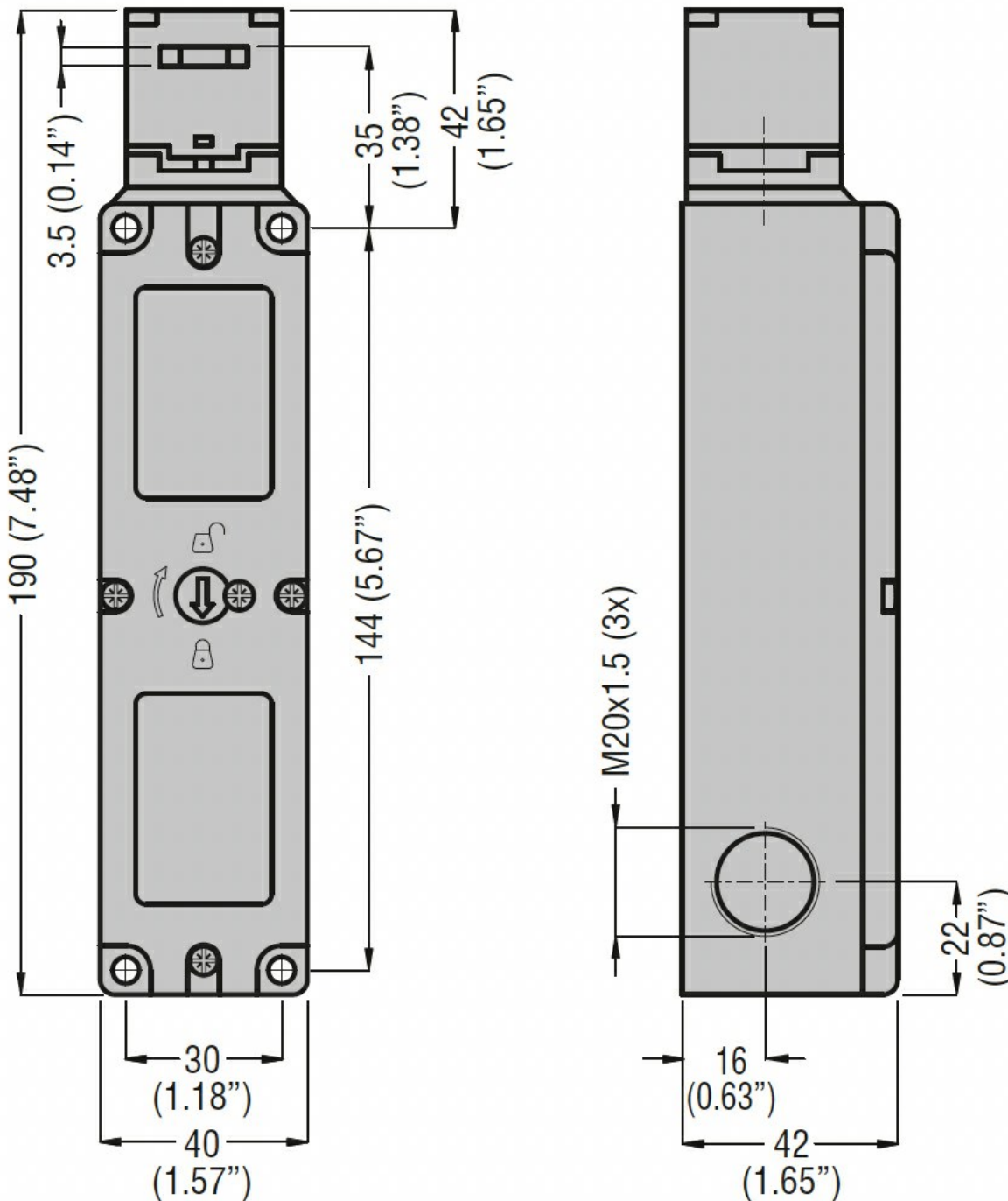
IP degree

Terminals	IP20
Body housing	IP65

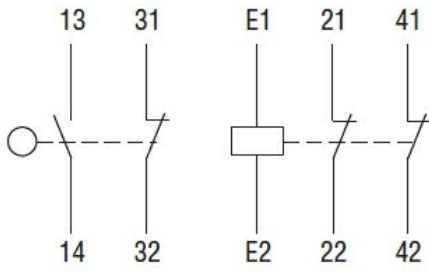
Pollution degree

3

**Dimensions [mm (in)]**



**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