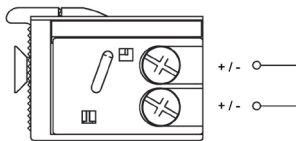


## 5E1Z10 Technical Data

Function	Fail-secure with mechanical unlocking
Resistance to forced entry	4.800N
Endurance rating (Cycles)	200.000
Operating temperature	-25°C to +70°C
Sound (Db from 1M distance)	69 dB
DIN 107	DIN R / DIN L
Vertical/Horizontal instalation	Yes
Fixing distance	52,30 mm
Height (Z)	65,50 mm
Width (X)	16 mm
Depth (Y)	28 mm
Keeper	Adjustable
Radian keeper	Internal
Keeper movement	25°
Keeper's depth	6 mm
Keeper's adjustability	2 mm
Suitable for fire/smoke protection doors	No

## Connection Scheme



## Electrical Data

(at 20°C)

Coil type	Z
Electrical information	6-28V AC/DC
Rated operational voltage tolerance	+/- 10%
Continuous duty AC	ED100%
Continuous duty DC	ED100%
Transient voltage suppressor (Tvs)	Yes
Rated resistance	8,5 Ohms

## Current Consumption

### AC (Initial)

6V AC	0,47 A
8V AC	0,64 A
9V AC	0,65 A
10V AC	0,80 A
12V AC	0,90 A
14V AC	0,83 A
16V AC	0,72 A
18V AC	0,62 A
20V AC	0,62 A
22V AC	0,62 A
24V AC	0,57 A
26V AC	0,56 A
28V AC	0,52 A
30V AC	—

### AC (Maintenance)

6V AC	0,24 A
8V AC	0,29 A
9V AC	0,30 A
10V AC	0,21 A
12V AC	0,11 A
14V AC	0,11 A
16V AC	0,11 A
18V AC	0,12 A
20V AC	0,11 A
22V AC	0,10 A
24V AC	0,10 A
26V AC	0,09 A
28V AC	0,08 A
30V AC	—

### DC (Initial)

6V DC	0,50 A
8V DC	0,70 A
9V DC	0,75 A
10V DC	0,88 A
12V DC	0,97 A
14V DC	0,87 A
16V DC	0,74 A
18V DC	0,72 A
20V DC	0,68 A
22V DC	0,63 A
24V DC	0,58 A
26V DC	0,52 A
28V DC	0,32 A
30V DC	—

### DC (Maintenance)

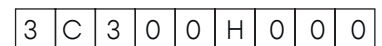
6V DC	0,26 A
8V DC	0,35 A
9V DC	0,30 A
10V DC	0,26 A
12V DC	0,14 A
14V DC	0,15 A
16V DC	0,14 A
18V DC	0,13 A
20V DC	0,13 A
22V DC	0,12 A
24V DC	0,11 A
26V DC	0,10 A
28V DC	0,10 A
30V DC	—

## Mechanical Data

Maximum side-load on AC	500N
Maximum side-load on DC (Stabilized)	—

## Product Certificate

Certified according to EN 14846:2008



CPR certificate

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Certified according to EN 60529:2018

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