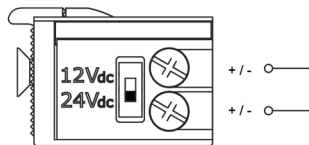




## 3D1W10 Technical Data

Function	Fail-secure with mechanical unlocking
Resistance to forced entry	6.500N
Endurance rating (Cycles)	200.000
Operating temperature	-25°C to +70°C
Sound (Db from 1M distance)	5 dB
DIN 107	DIN R / DIN L
Vertical/Horizontal installation	Yes
Fixing distance	52,50 mm
Height (Z)	73 mm
Width (X)	20,10 mm
Depth (Y)	28,50 mm
Keeper	Adjustable
Radian keeper	External
Keeper movement	34°
Keeper's depth	6,70 mm
Keeper's adjustability	3 mm
Suitable for fire/smoke protection doors	No

## Connection Scheme



## Electrical Data

(at 20°C)

Coil type	W
Electrical information	12/24 AC/DC
Rated operational voltage tolerance	+/- 10%
Continuous duty AC	< 1 min (12/24V AC)
Continuous duty DC	ED100% (12/24V DC)
Transient voltage suppressor (Tvs)	Yes
Rated resistance	65 + 65 Ohms

## Mechanical Data

Maximum side-load on AC	120N
Maximum side-load on DC (Stabilized)	50N (12VDC) 50N (24VDC)

## Product Certificate

Certified according to EN 14846:2008

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CPR certificate	—
Certified according to EN 60529:2018	—

## Current Consumption

AC (Initial)		AC (ED 100%)		DC (Initial)		DC (ED 100%)	
6V AC	—	6V AC	—	6V AC	—	6V AC	—
9V AC	—	9V AC	—	9V AC	—	9V AC	—
10V AC	—	10V AC	—	10V AC	—	10V AC	—
12V AC	0,26 A	12V AC	—	12V AC	—	12V AC	0,33 A
14V AC	—	14V AC	—	14V AC	—	14V AC	—
16V AC	—	16V AC	—	16V AC	—	16V AC	—
22V AC	—	22V AC	—	22V AC	—	22V AC	—
24V AC	0,08 A	24V AC	—	24V AC	—	24V AC	0,18 A
28V AC	—	28V AC	—	28V AC	—	28V AC	—
30V AC	—	30V AC	—	30V AC	—	30V AC	—