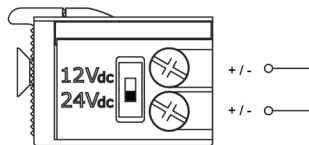




## 3DOW10 Technical Data

|  |                |
|--|----------------|
| Function                                 | Fail-secure    |
| 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 instalation          | 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 | Smoke          |

## 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        |

## Current Consumption

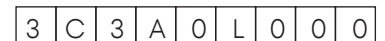
| AC (Initial) |        | AC (ED 100%) |   | DC (Initial) |   | DC (ED 100%) |        |
|--------------|--------|--------------|---|--------------|---|--------------|--------|
| 6V AC        | —      | 6V AC        | — | 6V AC        | — | 6V AC        | —      |
| 9V AC        | —      | 9V AC        | — | 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       | —      |

## Mechanical Data

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

## Product Certificate

Certified according to EN 14846:2008



CPR certificate 0432-CPR-xxxxx  
Certified according to EN 60529:2018 —