

# SIR12

Fail safe symmetrical electric strike,  
12Vdc (ED 100%)



**Operating mode**  
Fail safe



**Reliable current and performance**  
Continuous operation 12Vdc (ED 100%)



**High holding force**  
Break strength of 3,500 N



**Precise alignment**  
Adjustable jaw of up to 5 mm and depth of 7 mm



**Electronic protection**  
Built-in protection via bidirectional transil



## PRODUCT DESCRIPTION

The SIR12 electric strike stands out for its symmetrical design, which optimises the unit's dimensions and simplifies installation, offering additional precision thanks to its adjustable jaw of up to 5mm.

This strike operates on a fail safe system, meaning the door unlocks automatically in the event of any power outage, prioritising safety for escape routes.

Its coil supports continuous operation at 12Vdc (ED 100%), ensuring stable performance.

To ensure maximum durability and protection, all S Series locks incorporate a bidirectional transil, which protects the access control system against electrical surges that risk damage.

## RELATED PRODUCTS



**A22K**

F0115000020  
ATRIUM Controller



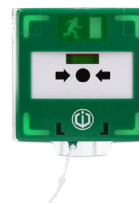
**GALEOW**

F0201000062  
Keypad



**PB2**

F0701000174  
Push Button



**EM301-LS**

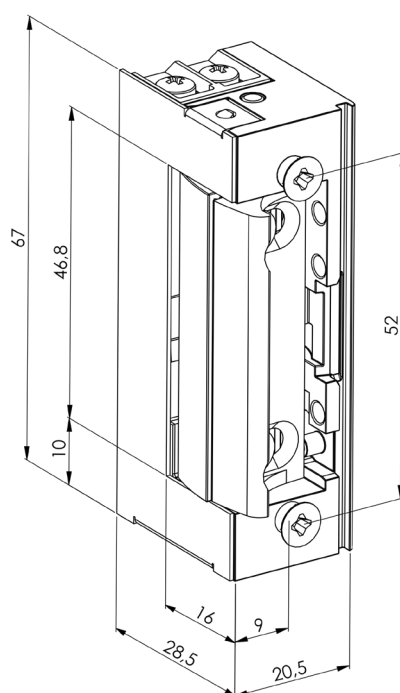
F0521000039  
Emergency Exit Device

## TECHNICAL SPECIFICATIONS

| SIR12                         |                                                           |
|-------------------------------|-----------------------------------------------------------|
| <b>Mechanical</b>             |                                                           |
| Material                      | Zamak® 5                                                  |
| Mounting                      | Mortise mount                                             |
| Lock Mode                     | Fail safe                                                 |
| Jaw Break Strength            | 3500 N                                                    |
| Cycle Testing                 | 250,000 (500,000 under controlled laboratory conditions)* |
| Handing                       | Reversible                                                |
| Symmetrical                   | Yes                                                       |
| Jaw Type                      | Adjustable, 5 mm                                          |
| Jaw Depth                     | 7 mm                                                      |
| Dimensions                    | 67 x 20.5 x 28.5 mm                                       |
| Weight                        | 175 g                                                     |
| <b>Electrical</b>             |                                                           |
| Power Input                   | 12Vdc (ED 100%)                                           |
| Multi Voltage                 | NO                                                        |
| Power Consumption             | 12Vdc (ED 100%): 240 mA                                   |
| Monitoring                    | NO                                                        |
| <b>Regulatory</b>             |                                                           |
| Electromagnetic Compatibility | Directive 2014/30/EU                                      |
| WEEE                          | RII AEE 6783                                              |
| Low Voltage Directive         | Directive 2014/35/EU                                      |
| Hazardous Substances          | Directive 2014/65/EU                                      |
| Corrosion Resistance          | UNE-EN-1670                                               |
| Building Hardware             | UNE-EN-14846:2010 / UNE-EN-12209:2009                     |

\* Test carried out under laboratory conditions; door designed in accordance with the standard at a constant temperature of 21°C, 50% humidity and a continuous pre-load of 50N at 12Vdc.

## OUTLINE DIMENSIONS



## ACCESSORIES

|      |             |                                                                                                  |
|------|-------------|--------------------------------------------------------------------------------------------------|
| TG1I | F0511000014 | Stainless steel reversible faceplate for electric strikes, 159 x 25 x 3 mm                       |
| T2I  | F0511000018 | Stainless steel reversible faceplate for electric strikes with deadbolt cut-out, 250 x 25 x 3 mm |
| T290 | F0511000025 | Stainless steel reversible faceplate for electric strikes with deadbolt cut-out, 250 x 25 x 3 mm |
| T1I  | F0511000010 | Stainless steel reversible faceplate for electric strikes, 130 x 22 x 3 mm                       |

## ALSO AVAILABLE IN THIS RANGE

|           |             |                                                                           |
|-----------|-------------|---------------------------------------------------------------------------|
| SIR12     | F0502000019 | Fail safe symmetrical electric strike, 12Vdc (ED 100%)                    |
| SIR24     | F0502000020 | Fail safe symmetrical electric strike, 24Vdc (ED 100%)                    |
| T290SIR12 | F0513000017 | Fail safe symmetrical electric strike kit with faceplate, 12Vdc (ED 100%) |
| T290SIR24 | F0513000026 | Fail safe symmetrical electric strike kit with faceplate, 24Vdc (ED 100%) |