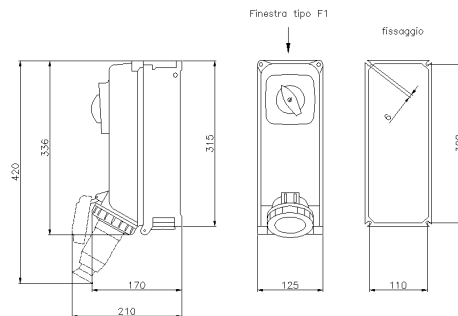




**SERIES ALUPRES  
INTERLOCKED SOCKET**  
**CODE 472456**



### Datasheet

#### Electrical characteristics

|                          |                       |
|--------------------------|-----------------------|
| Rated current            | 32A                   |
| Supply Voltage           | 400V 50/60Hz ●        |
| Poles                    | 3P+N+ $\perp$         |
| Clock Position           | 6h                    |
| Rated insulation voltage | 690 V                 |
| Insulation Class         | I                     |
| Type of protection       | Fuse 14x51 gG max 32A |
| Signal plug inserted     | -                     |

#### Mechanical characteristics

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| Manufacturing material         | Marine aluminium alloy (EN 44300)                    |
| Treatment type                 | Fluorozirconic passivation                           |
| Surface finishing              | Non-toxic polyester paint anti UV curing in the oven |
| Color                          | Blue RAL 5012, Grey RAL 7035                         |
| Width                          | 125 mm                                               |
| Execution                      | Wall mounting                                        |
| Hole type                      | Window type F1                                       |
| IP Protection degree           | IP66/IP67/IP69                                       |
| Additional IPdegree protection | -                                                    |
| Shock resistance               | IK10 according to IEC/EN 62262                       |
| Resistance to Glow wire        | 960°C (Live contacts holder)                         |
| Flame rating according UL94    | V-2 (Live contacts holder)                           |
| Corrosivity category           | C4 (ISO 12944)                                       |
| Net Weight                     | 3.146 KG                                             |
| Working Environment Temp.      | Min: -50°C ;Max: +50°C                               |
| Warehousing Temperature        | Min: -50°C ;Max: +70°C                               |

#### Technical data switch

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| Thermal current             | 32 A                                            |
| Rated short-circuit current | 10 kA                                           |
| Terminals type              | Screw - indirect clamping                       |
| Conductors section (Cu)     | Min: 1 mm <sup>2</sup> ;Max: 10 mm <sup>2</sup> |
| Terminal tightening torque  | 2 Nm                                            |
| Auxiliary status contacts   | Max 2 (optional)                                |
| Padlockable handle          | 3 locks Ø8 mm max                               |

#### Operating category

| Categoria<br>Rating | Tensione<br>Voltage | Corrente / Potenza<br>Current / Power |
|---------------------|---------------------|---------------------------------------|
| AC-22A              | 230 V               | 32 A                                  |
|                     | 400 V               | 32 A                                  |
|                     | 500 V               | 32 A                                  |
|                     | 690 V               | 32 A                                  |
| AC-23A              | 230 V               | 32 A                                  |
|                     | 400 V               | 32 A                                  |
|                     | 500 V               | 32 A                                  |
|                     | 690 V               | 32 A                                  |
| AC-23A /<br>AC-3    | 230 V               | 10.2 kW                               |
|                     | 400 V               | 17.7 kW                               |
|                     | 500 V               | 22.2 kW                               |
|                     | 690 V               | 30.6 kW                               |

#### Reference Standards and Directives

Certification and approval marks UKCA, CE, IMQ, NYCE COLOMBIA, CB IMQ

Directives 2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/35/EU (LVD)

Reference Standards EN 60309-1:1999, EN 60309-1:1999/A1:2007, EN 60309-1:1999/A1AC:2014, EN 60309-1:1999/A2:2012, EN 60309-2:1999, EN 60309-2:1999/A1:2007, EN 60309-2:1999/A2:2012, EN IEC 63000:2018

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