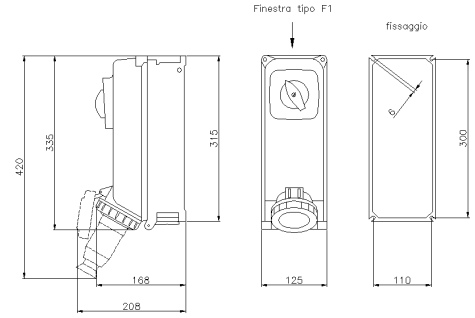




**SERIES ALUPRES  
INTERLOCKED SOCKET**  
**CODE 466147**



### Datasheet

#### Electrical characteristics

|                          |                |
|--------------------------|----------------|
| Rated current            | 16A            |
| Supply Voltage           | 500V 50/60Hz ● |
| Poles                    | 3P+N+ $\perp$  |
| Clock Position           | 7h             |
| Rated insulation voltage | 690 V          |
| Insulation Class         | I              |
| Type of protection       | -              |
| 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                          | Grey RAL 7035, Blue RAL 5012                         |
| 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           | Equivalent to C5(M)/C4(H) (ISO 12944)                |
| Net Weight                     | 2.55 KG                                              |
| Working Environment Temp.      | Min: -50°C ;Max: +70°C                               |
| Warehousing Temperature        | Min: -50°C ;Max: +70°C                               |

#### Technical data switch

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| Thermal current             | 16 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                               |

| Categoria Rating | Tensione Voltage | Corrente / Potenza Current / Power |
|------------------|------------------|------------------------------------|
| AC-22A           | 230 V            | 16 A                               |
|                  | 400 V            | 16 A                               |
|                  | 500 V            | 16 A                               |
|                  | 690 V            | 16 A                               |
| AC-23A           | 230 V            | 16 A                               |
|                  | 400 V            | 16 A                               |
|                  | 500 V            | 16 A                               |
|                  | 690 V            | 16 A                               |
| AC-23A / AC-3    | 230 V            | 5.1 kW                             |
|                  | 400 V            | 8.9 kW                             |
|                  | 500 V            | 11.1 kW                            |
|                  | 690 V            | 15.3 kW                            |

#### Reference Standards and Directives

|                                  |                                                                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certification and approval marks | CE, UKCA, NYCE COLOMBIA, IMQ, 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 |

The images are purely indicative. Palazzoli reserves the right to make changes without notice.