



**SERIES TAIS-Ex**  
**INTERLOCKED SOCKET**  
**CODE 467137EX**



## Datasheet

### Electrical characteristics

|                          |                   |
|--------------------------|-------------------|
| Rated current            | 16A               |
| Supply Voltage           | 500V 50/60Hz ●    |
| Poles                    | 3P+ $\frac{1}{2}$ |
| Clock Position           | 7h                |
| Rated insulation voltage | 500 V             |
| Insulation Class         | II                |
| Type of protection       | None              |
| Signal plug inserted     | -                 |

### 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   | -                                               |
| Padlockable handle          | -                                               |
| Operating category          | AC-23A / AC-3 16A - 500V                        |

### Mechanical characteristics

|                                |                              |
|--------------------------------|------------------------------|
| Manufacturing material         | Palazzoli Thermosetting GRP  |
| Treatment type                 | -                            |
| Surface finishing              | -                            |
| Color                          | Black RAL 9005               |
| Width                          | 125 mm                       |
| Execution                      | Wall mounting                |
| Hole type                      | M25                          |
| IP Protection degree           | IP66                         |
| Additional IPdegree protection | -                            |
| Shock resistance               | -                            |
| Resistance to Glow wire        | 960°C                        |
| Flame rating according UL94    | V-0                          |
| Corrosivity category           | -                            |
| Net Weight                     | 2.85 KG                      |
| Working Environment Temp.      | Min: -40°C ;Max: +50°C/+65°C |
| Warehousing Temperature        | Min: -50°C ;Max: +80°C       |

### Atex characteristics

|                             |                                   |
|-----------------------------|-----------------------------------|
| ATEX application zone       | Zones 2-21-22                     |
| Dust Atex execution (Tmax1) | II 2D - Ex tb IIIC T90/T105 °C Db |
| Gas Atex execution (Tmax1)  | II 3G - Ex nR IIC T6/T5 Gc        |

### Reference Standards and Directives

|                                  |                                                                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certification and approval marks | IECEx, EX, TUV EX, CE                                                                                                                                                                                                                                                          |
| Directives                       | 2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/35/EU (LVD)                                                                                                                                                                                                                         |
| Reference Standards              | EN 60079-0/A11:2013, EN 60079-0:2012, EN 60079-15:2010 , EN 60079-31:2014, 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/A2:2012, EN 60309-4:2007, EN 60309-4:2007/A1:2012, EN IEC 63000:2018 |

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