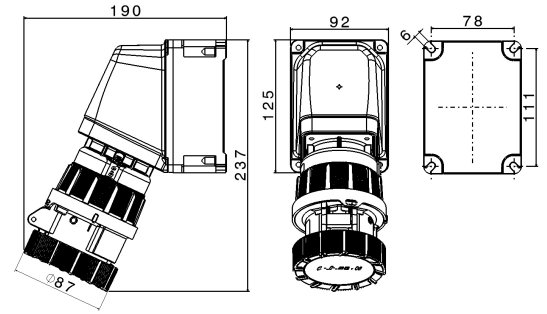




**SERIES ROTOR**  
**ROTSWITCH**  
**CODE 416146**



## Datasheet

### Electrical characteristics

|                          |                     |
|--------------------------|---------------------|
| Rated current            | 16A                 |
| Supply Voltage           | 400V 50/60Hz ●      |
| Poles                    | 3P+N+ $\frac{1}{2}$ |
| Clock Position           | 6h                  |
| Rated insulation voltage | 690 V               |
| Insulation Class         | II                  |
| Type of protection       | -                   |
| Signal plug inserted     | -                   |

### Mechanical characteristics

|                                |                                       |
|--------------------------------|---------------------------------------|
| Manufacturing material         | High resistance technopolymer         |
| Treatment type                 | -                                     |
| Surface finishing              | -                                     |
| Color                          | Blue RAL 5015, Grey RAL 7046          |
| Width                          | -                                     |
| Execution                      | Wall mounting                         |
| Hole type                      | Cable clamp (9 to 23mm cables)        |
| IP Protection degree           | IP66/IP67                             |
| Additional IPdegree protection | IP69 - IEC 60529                      |
| Shock resistance               | IK10 according to IEC/EN 62262        |
| Resistance to Glow wire        | 960°C (Live contacts), 850°C (Casing) |
| Flame rating according UL94    | V-0 (Live contacts), V-2 (Casing)     |
| Corrosivity category           | -                                     |
| Net Weight                     | 0.85 KG                               |
| Working Environment Temp.      | Min: -40°C ;Max: +60°C                |
| Warehousing Temperature        | Min: -50°C ;Max: +90°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   | -                                               |
| Padlockable handle          | 2 locks Ø2,75 mm max                            |

### Operating category

| 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           | 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, NYCE COLOMBIA, UKCA

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 60309-4:2007, EN 60309-4:2007/A1:2012, EN IEC 63000:2018

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