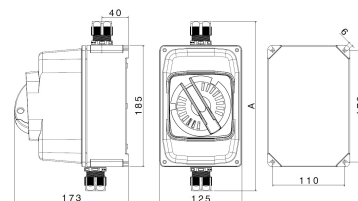




SERIES CAM-Ex
CMP_INT
CODE 270254EX



Datasheet

Electrical characteristics

| | |
|----------------------------|------------------|
| Rated current | 25A |
| Supply Voltage | 690V~ 50/60Hz |
| Poles | 4P |
| Rated insulation voltage | 690 V |
| Insulation Class | I |
| CAM layout | 3 |
| Function Apparatus Control | One way switches |
| Type of protection | None |

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 | Black RAL 9005 |
| Execution | Wall mounting |
| Dimensions | 185X125X160 mm |
| Depth | - |
| Front-plate dimension | - |
| Hole type | M25 |
| IP Protection degree | IP66 |
| Additional IPdegree protection | - |
| Shock resistance | 7J (IEC 60079-0) |
| Resistance to Glow wire | - |
| Flame rating according UL94 | - |
| Corrosivity category | Equivalent to C5(M)/C4(H) (ISO 12944) |
| Net Weight | 1.7 KG |
| Working Environment Temp. | Min: -40°C ;Max: +50°C |
| Warehousing Temperature | Min: -50°C ;Max: +80°C |

Technical data switch

| | |
|-----------------------------|---|
| Thermal current | 25 A |
| Rated short-circuit current | 10 kA |
| Terminals type | Screw - indirect clamping |
| Conductors section (Cu) | Min: 1 mm ² ;Max: 10 mm ² |
| Terminal tightening torque | 2 Nm |
| Auxiliary status contacts | - |
| Padlockable handle | 3 locks Ø8 mm max |

Operating category

| Categoria Rating | Tensione Voltage | Corrente / Potenza Current / Power |
|------------------|------------------|------------------------------------|
| AC-22A | 230 V | 25 A |
| | 400 V | 25 A |
| | 500 V | 25 A |
| | 690 V | 25 A |
| AC-23A | 230 V | 25 A |
| | 400 V | 25 A |
| | 500 V | 25 A |
| | 690 V | 25 A |
| AC-23A | 230 V | 8.0 kW |
| | 400 V | 13.9 kW |
| | 500 V | 17.3 kW |
| | 690 V | 23.9 kW |

Atex characteristics

| | |
|-----------------------------|-----------------------------|
| ATEX application zone | Zones 2-21-22 |
| Dust Atex execution (Tmax1) | II 2D - Ex tb IIIC T75°C Db |
| Gas Atex execution (Tmax1) | II 3G - Ex ec nC IIC T5 Gc |

Reference Standards and Directives

| | |
|----------------------------------|---|
| Certification and approval marks | EX, IECEx, CE |
| Directives | 2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/34/EU (ATEX) |
| Reference Standards | EN 60079-15:2010 , EN 60079-31:2014, EN 60079-7:2015, EN 60079-7:2015/A1:2018, EN IEC 60079-0:2018, EN IEC 60947-1:2021, EN IEC 60947-1:2021/AC:2023-01, EN IEC 60947-3:2021, EN IEC 60947-3:2021/AC:2021-11, EN IEC 63000:2018 |

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