



593.111-1PLRC

SURFACE MOUNTING BOX

95x95x80mm IP66 PUSH BUTTON LED 1NC
RED THERMOPLASTIC

Product Approvals

| TECHDATA | | STANDARDS AND LAWS | |
|------------------------------|--------------------------|---------------------------|---|
| Product type | SURFACE MOUNTING BOX | EN 60079-31 (2014) | [European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t" |
| Commercial series | COMPACT-EX[GD] Series | IEC 60079-31 (2013) | [International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t" |
| Synthetical description | SURFACE MOUNTING BOX | EN 60079-1 (2014) | [European Standard] Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd' |
| Protection degree | Splash proof | EN 60079-7 (2015) | [European Standard] Explosive atmospheres. Equipment protection by increased safety "e" |
| Protection degree IP | IP66 | IEC 60079-1 (2014) | [International Standard] Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d". |
| Material | THERMOPLASTIC | IEC 60079-0 (2017) | [International Standard] Explosive atmospheres - Part 0: Equipment - General requirements |
| Equipment | Control station | IEC 60079-7 (2017) | [International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e". |
| Function | PUSH BUTTON LED 1NC | EN 60079-7 (2018) | [European Standard] Explosive atmospheres. Equipment protection by increased safety "e" |
| Colour | RED | EN 60079-0 (2018) | [European Standard] Explosive atmospheres. General requirements. |
| Dimensions | 95x95x80mm | EN 60079-18 (2015) | [European Standard] Explosive atmospheres. Part 18: Equipment protection by encapsulation "m" |
| Cable entry | 1xM20 | EN 62196-3 (2014) | [International Standard] Explosive atmospheres - Part 18: Equipment protection by encapsulation "m" |
| Rated current (value) | 10 A | EN 60079-18/A1 (2017) | [European Standard] Explosive atmospheres - Part 18: Equipment protection by encapsulation "m" |
| Category of use | AC12 | DIRECTIVE ATEX 2014/34/UE | [European Directives] Atmosphere Explosive |
| Rated Sizing Voltage (Value) | 250 V | | |
| Maximum power dissipation | 2,050 W | | |
| Group and categories EX | II 2GD | | |
| Modo protezione gas | Ex db eb IIC T6 Gb | | |
| Dust protection | Ex tb IIIC T80°C Db IP66 | | |

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|----------------------------|--------|
| Ambient temperature Ta min | -30 °C |
| Ambient temperature Ta max | 40 °C |