## **Product Technical Sheet**

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## **644.0350**SURFACE MOUNTING BOX

220x120x90mm IP66 THERMOSETTING

**Product Approvals** 

| TECHDATA                   |                      | STANDARDS                         | AND LAWS  |
|----------------------------|----------------------|-----------------------------------|---|
| Commercial series          | ZENITH-P Series      | EN 60079-31 (2014)                | [European Standard] Explosive atmospheres. Equipment dust ignition  |
| Product type               | SURFACE MOUNTING BOX | IEC 60079-31 (2013)               | protection by enclosure "t"  EC 60079-31 (2013) [International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"   |
| Synthetical description    | SURFACE MOUNTING BOX |                                   |   |
| Protection degree          | Splash proof         | EN 60079-7 (2015)                 | [European Standard] Explosive<br>atmospheres. Equipment protection by<br>increased safety "e"   |
| Protection degree IP       | IP66                 | IEC 60079-0 (2017)                | [International Standard] Explosive<br>atmospheres - Part 0: Equipment -<br>General requirements   |
| Material                   | THERMOSETTING        |                                   |   |
| Equipment                  | Empty enclosure      | IEC 60079-7 (2017)                | [International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".  |
| Dimensions                 | 220x120x90mm         | EN 60079-7 (2018)                 | [European Standard] Explosive<br>atmospheres Part 7: Equipment<br>protection by increased safety "e"<br>[European Standard] Explosive<br>atmospheres. General requirements.<br>[European Directives] Atmosphere |
| Group and categories EX    | II 2GD               | EN 60070 0 (2019)                 |   |
| Modo protezione gas        | Ex eb IIC Gb         | EN 60079-0 (2018)  DIRECTIVE ATEX |   |
| Dust protection            | Ex tb IIIC Db IP66   | 2014/34/UE Explosive              |   |
| Ambient temperature Ta min | -60 °C               |                                   |   |
| Ambient temperature Ta max | 75 °C                |                                   |   |