

## Product Data Sheet GW44431

### 44 CE Range



Range 44 CE - Surface-mounting waterthight junction boxes in compilance with EN 60670-1 (CEI 23-48) and IEC 60670-22 (CEI 23-94) and made in high-performance technopolymers. The range includes versions with protection degree IP44, IP55, IP56 with smooth walls or with quick entry cable glands and different type of covers: blind / transparent, deep/plain, press-on/screw (in plastic, also 1/4 turn, or in metal). Available in different self-extinguishing materials (up to GWT 960 °C). Suitable for ordinary junctions, for special uses, and for industrial uses.

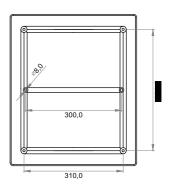
| Insulation class                     | II (according to IEC 61140 standards) | Colour                    | Grey RAL 7035                              |
|--------------------------------------|---------------------------------------|---------------------------|--|
| IP degree                            | IP56                                  | Material                  | Technopolymer GWPLAST 120                  |
| Mechanical resistance                | IK08                                  | Internal dim. LxHxD (mm)  | 460x380x120                                |
| Max Ø holes possible                 | 48 mm                                 | Lid screws (no. and type) | 6 insul. sealable hinged                   |
| Application                          | Industrial uses                       | Glow Wire Test            | 650 °C                                     |
| Lid colour                           | Transparent                           | Lid                       | Plain screwed                              |
| Operating temperature                | -25 +60 °C                            | Type of material          | Halogen-free in compliance with EN 60754-2 |
| Electrocod                           | 0231                                  | Thermo-pressure with ball | 110 °C                                     |
| Torque screws tightening             | 1.8 Newton/meter                      | Walls                     | Smooth                                     |
| Accessories for insulation restoring | GW44621                               |                           |  |

| BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS |                  |                                      |                  |                                      |                                      |                  |                  |                                      |                                      |                                      |  |  |
|--|------------------|--------------------------------------|------------------|--------------------------------------|--------------------------------------|------------------|------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|--|
| Saline<br>solution                             | Acids            |                                      | Bases            |                                      | Solvents                             |                  |                  | Mineral                              | UV                                   |                                      |  |  |
|  | Concentrated     | Diluited                             | Concentrated     | Diluited                             | Hexane                               | Benzol           | Acetone          | Alcohol                              | oil                                  | rays                                 |  |  |
| Resistant                                      | Not<br>resistant | L <mark>imite</mark> d<br>resistance | Not<br>resistant | L <mark>imite</mark> d<br>resistance | L <mark>imite</mark> d<br>resistance | Not<br>resistant | Not<br>resistant | L <mark>imite</mark> d<br>resistance | L <mark>imite</mark> d<br>resistance | L <mark>imite</mark> d<br>resistance |  |  |

**DIMENSIONAL** 

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## **TECHNICAL SYMBOLOGY**



IP

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GWT



Halogen-free in compliance with EN 60754-2



### STANDARDS/APPROVALS





