



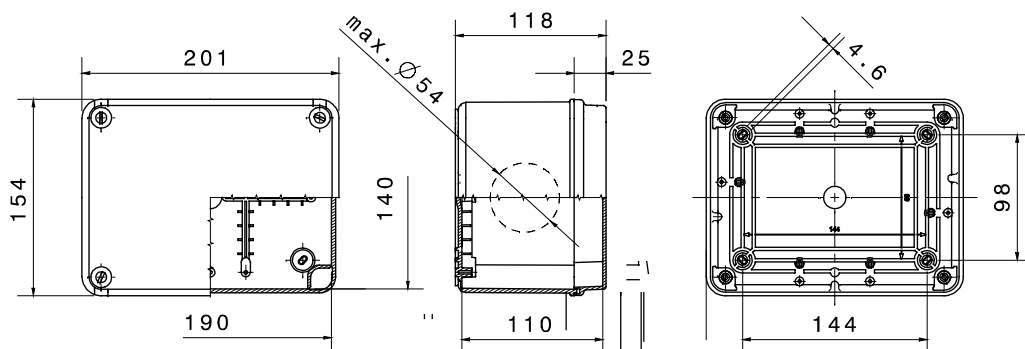
Range 44 CE - Surface-mounting watertight junction boxes in compliance with EN 60670-1 (CEI 23-48) and IEC 60670-22 (CEI 23-94) and made in high-performance technopolymers. The range includes versions with protection degree IP44, IP55, IP56 with smooth walls or with quick entry cable glands and different 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 75                   |
| Mechanical resistance     | IK08                                  | Effective height of bottom           | 83 mm                                      |
| Internal dim. LxHxD (mm)  | 190x140x110                           | Max Ø holes possible                 | 54 mm                                      |
| Lid screws (no. and type) | 4 insul. sealable hinged              | Application                          | Ordinary junctions                         |
| Glow Wire Test            | 650 °C                                | Lid                                  | Plain screwed                              |
| Operating temperature     | -25 +60 °C                            | Type of material                     | Halogen-free in compliance with EN 60754-2 |
| Electrocod                | 02210                                 | Thermo-pressure with ball            | 85 °C                                      |
| Torque screws tightening  | 1.8 NM                                | Type of bottom                       | High capacity                              |
| Walls                     | Smooth                                | Accessories for insulation restoring | GW44621, GW44622                           |

#### BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

| Saline solution | Acids              |           | Bases        |           | Solvents           |               |               |                    | Mineral oil        | UV rays            |
|-----------------|--------------------|-----------|--------------|-----------|--------------------|---------------|---------------|--------------------|--------------------|--------------------|
|                 | Concentrated       | Diluted   | Concentrated | Diluted   | Hexane             | Benzol        | Acetone       | Alcohol            |                    |                    |
| Resistant       | Limited resistance | Resistant | Resistant    | Resistant | Limited resistance | Not resistant | Not resistant | Limited resistance | Limited resistance | Limited resistance |

#### DIMENSIONAL



#### TECHNICAL SYMBOLOGY

|                                           |                   |                   |                      |                                       |                                                                         |           |
|-------------------------------------------|-------------------|-------------------|----------------------|---------------------------------------|-------------------------------------------------------------------------|-----------|
| <br>II (according to IEC 61140 standards) | <b>IP</b><br>IP56 | <b>IK</b><br>IK08 | <b>GWT</b><br>650 °C | <b>INSTALLATION</b><br><br>-25 +60 °C | <b>HF</b><br>HALOGEN FREE<br>Halogen-free in compliance with EN 60754-2 | <br>85 °C |
|-------------------------------------------|-------------------|-------------------|----------------------|---------------------------------------|-------------------------------------------------------------------------|-----------|

#### STANDARDS/APPROVALS

