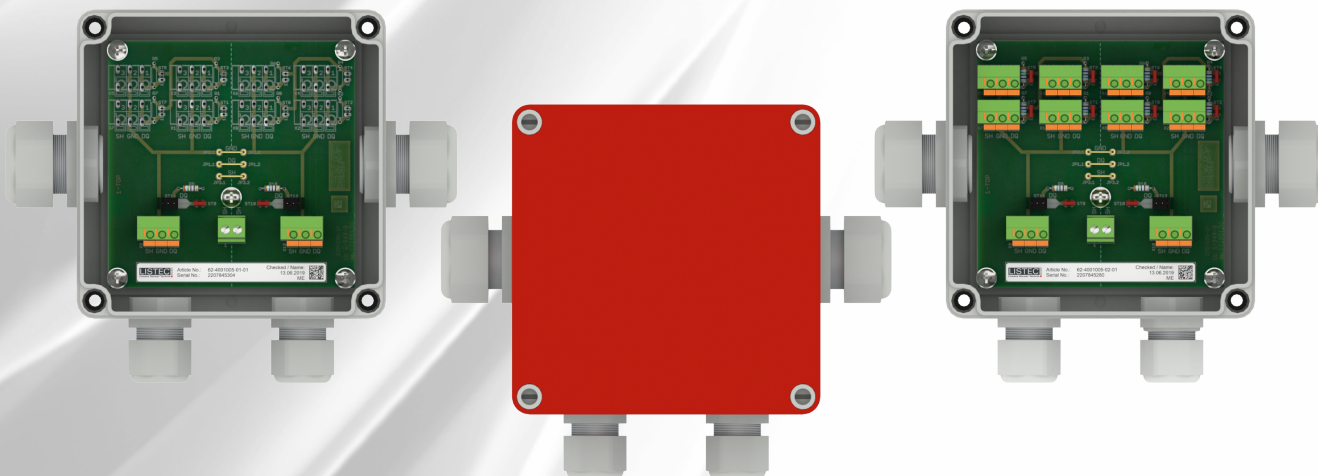


# Connection Box CBO 15



## General Data

- ▶ Case material: Glass-fibre reinforced polycarbonate, free from halogen, silicone, heavy metal and **PVC**, **UV**- and weather-proof
- ▶ Ingress protection: IP 66 according to EN 60529:2000
- ▶ Protection class: II – protective insulation according to VDE 0106
- ▶ Impact resistance: IK 08, according to DIN EN 50102 (VDE 0470-100)
- ▶ Case body: Light grey, similar to RAL 7035
- ▶ Case lid: Red, similar to RAL 3020
- ▶ Gasket: Polyurethane
- ▶ Mounting: Mounting screws outside of sealed enclosure interior
- ▶ Operating temperature: -35 °C ... +70 °C, up to +80 °C short term
- ▶ Storage Conditions: 0 °C ... +60 °C, 30% ... 70% relative humidity, non condensing, prevention against shock, vibration, dust, electrostatic discharge **ESD**, **UV** light
- ▶ Cable glands: Metric, with O-Ring
- ▶ Weight: 0,48 ... 0,55 kg (depending on configuration)
- ▶ Dimensions: 130,0 x 130,0 x 74,7 mm, without cable glands (w x h x d)

## Combustion behaviour

- ▶ UL 94 V-2
- ▶ UL 50 5VA / UL 746C
- ▶ EN 60695-11-10 / IEC 60695-11-10, 960 °C
- ▶ VDE 0471 part 11-10, 960 °C
- ▶ CSA C 22.2

## Ordering Information

- ▶ Connection Box **CBO 15-SEC** Art.-no.: **62-2001004-01-xx**  
 Connection of up to two sensor cables **SEC 15** and up to two connection cables **CC 15** to **SCU 835** cable port I / II
- ▶ Connection Box **CBO 15-ESD** Art.-no.: **62-2001004-02-xx**  
 Connection variant 1: Connection of up to two sensor cables **SEC 15** and up to two connection cables **CC 15** to **SCU 835** cable port I / II  
 Connection variant 2: Connection of one sensor cable **SEC 15**, up to four external sensors **ESD-A5**, and up to two connection cables **CC 15** to **SCU 835** cable port I / II  
 Connection variant 3: Connection of up to eight external sensors **ESD-A5** and up to two connection cables **CC 15** to **SCU 835** cable port I / II

## Scope of Delivery

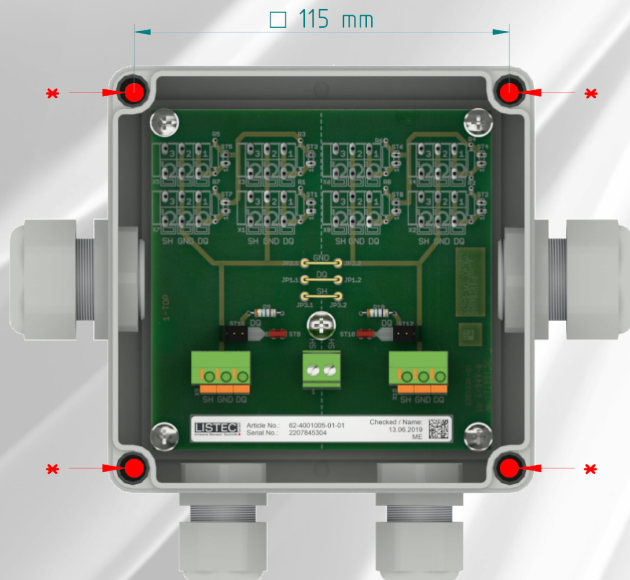
- ▶ Connection Box **CBO 15-SEC**, including universal connection module **UCM 15-SEC**, mounting materials, metric cable glands and connection materials
- ▶ Connection Box **CBO 15-ESD**, including universal connection module **UCM 15-ESD**, mounting materials, metric cable glands and connection materials

## Tested According to

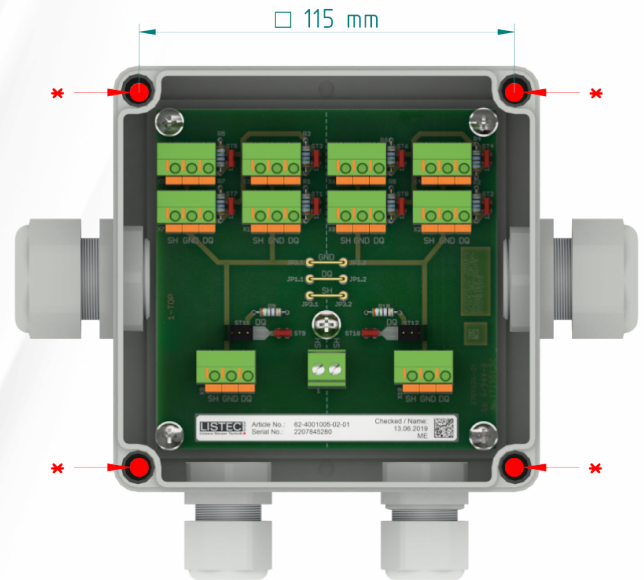
- Function element: **EN 54-22**, approved by VdS Schadenverhütung GmbH, VdS no. G 221004, Environmental class III, Response classes **A1N, A2N, BN, A1I, A2I, BI**

## CBO 15 Models

### CBO 15-SEC

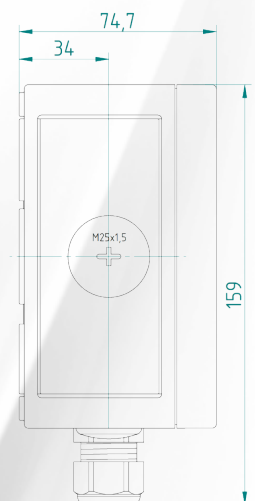
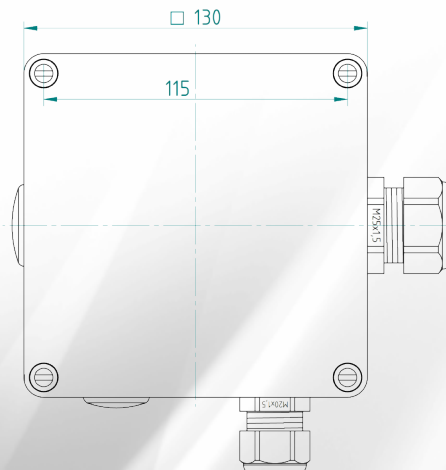
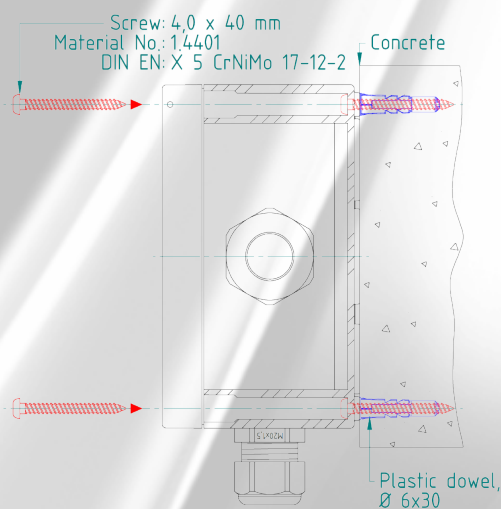
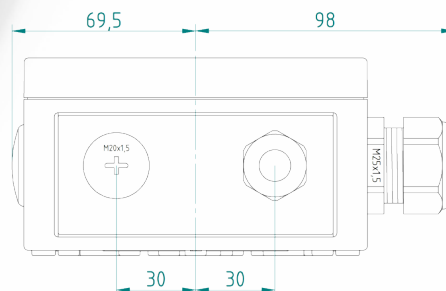


### CBO 15-ESD



## Dimensions CBO 15-SEC

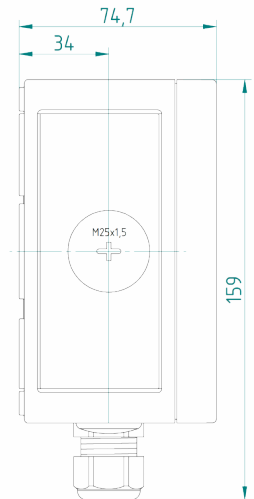
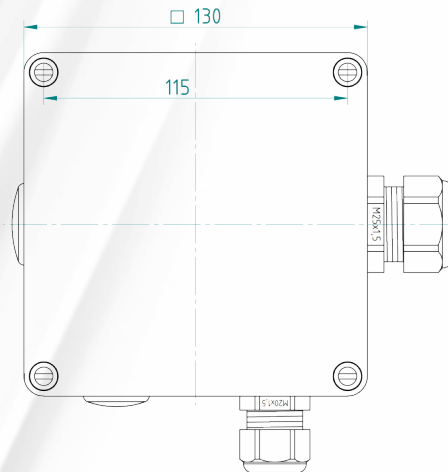
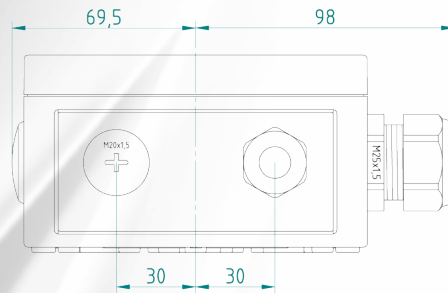
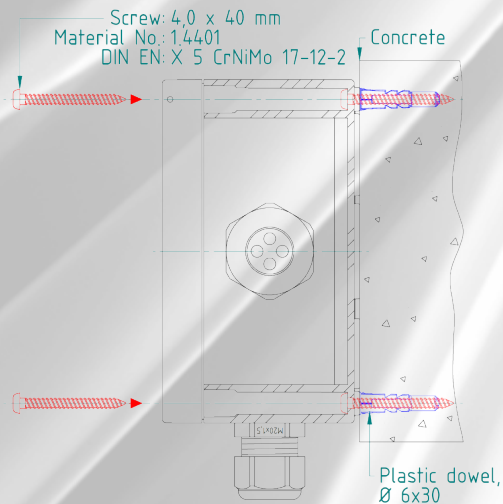
Case material: Glass fibre reinforced Polycarbonate  
Ingress protection: IP 66  
Colour box: Grey (similar to RAL 7035)  
Colour cover: Red (similar to RAL 3020)



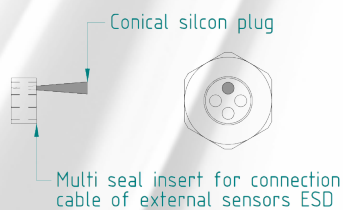
Attention!  
When mounting the connection box, use only the mounting holes \* as provided!  
Do not drill any hole into the connection box!  
Close unused openings with plugs!  
Use the accompanying seals when inserting glands and plugs!  
Provide sufficient space for connection cable bending radius (25 cm for SEC 15).

## Dimensions CBO 15-ESD

Case material: Glass fibre reinforced Polycarbonate  
Ingress protection: IP 66  
Colour box: Grey (similar to RAL 7035)  
Colour cover: Red (similar to RAL 3020)



**Attention!**  
When mounting the connection box, use only the mounting holes \* as provided!  
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