

# JUNCTION BOX 03

## EJB 10

FLAMEPROOF  
ZONE 1,2,21,22



### SPECIFICATION

|                                     |                                                                                     |
|-------------------------------------|-------------------------------------------------------------------------------------|
| TYPE                                | EJB 10                                                                              |
| HAZARDOUS AREA ZONE                 | Zone 1 - Zone 2 (Gas)      Zone 21 - Zone 22 (Dust)                                 |
| MARKING                             | Ex II 2 G D      Ex db IIC T6, T5 or T4 Gb<br>Ex tb IIIC T85°C, T100°C or T135°C Db |
| STANDARDS                           | EN60079-0    EN60079-1    EN60079-31                                                |
| EU-TYPE EXAMINATION CERTIFICATE NO. | TÜV 11 ATEX 7151X                                                                   |
| INGRESS PROTECTION                  | IP66,67                                                                             |
| ENCLOSURE MATERIAL                  | Aluminium Alloy                                                                     |
| ENCLOSURE FINISH                    | RAL7032 (Other colors are available on request)                                     |
| AMBIENT TEMPERATURE                 | -30°C to +55°C<br>-20°C to +40°C                                                    |
| LID FIXING                          | Threaded Type                                                                       |
| ENCLOSURE MOUNTING                  | 4 Slotted Fixing Holes for M8 Screws                                                |
| EARTHING                            | M5External / M8 Internal Earth Stud                                                 |
| ENCLOSURE EXTERNAL DIMENSIONS       | 202*170*127                                                                         |
| ORDERING DETAILS                    | Three-layer painting system for use in corrosive environment                        |

### TABLE 1-MAXIMUM PERMITTED DISSIPATION POWER

| TYPE OF ENCLOSURE | TAMB (-20°C TO +40°C) |        |       | TAMB (-30°C TO +55°C) |        |       | MAX. RATED CURRENT | MAX. RATED VOLTAGE |
|-------------------|-----------------------|--------|-------|-----------------------|--------|-------|--------------------|--------------------|
|                   | T4                    | T5     | T6    | T4                    | T5     | T6    |                    |                    |
|                   | T135°C                | T105°C | T85°C | T135°C                | T105°C | T85°C |                    |                    |
| EJB 10            | 111W                  | 60W    | 38W   | 87W                   | 38W    | 15W   | 60A                | 690V               |

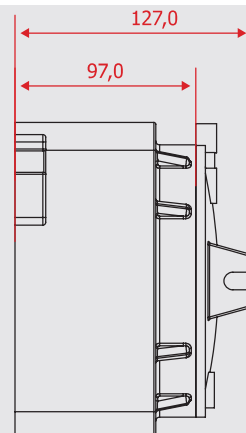
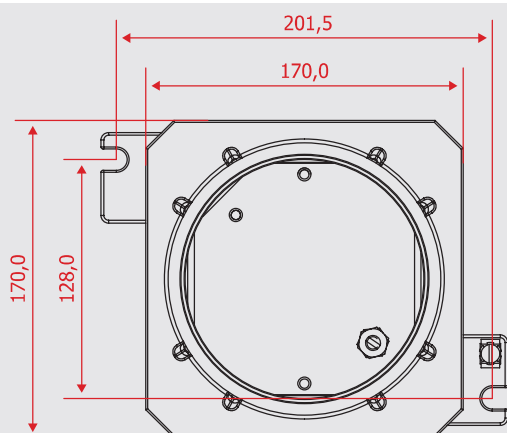
### TABLE 2- MAXIMUM NUMBER OF ENTRIES PER SIDE

#### OTHER THREAD FORMS/ COMBINATION AVAILABLE ON REQUEST

| TYPE   | M20/M16 | M25 | M32 | M40 |
|--------|---------|-----|-----|-----|
| EJB 10 | 3       | 2   | 2   | 1   |

### DIMENSIONS (MM)

|                             | LENGTH | WIDTH | HEIGHT |
|-----------------------------|--------|-------|--------|
| EXTERNAL DIM                | 170    | 170   | 127    |
| INTERNAL DIM                | 139    | 139   | 82.5   |
| FIXING BRACKETS : 201.5X128 |        |       |        |



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