

# JUNCTION BOX 03

## LJB 2

FLAMEPROOF  
ZONE 1,2,21,22



### SPECIFICATION

|                                     |                                                                                     |
|-------------------------------------|-------------------------------------------------------------------------------------|
| TYPE                                | LJB 2                                                                               |
| 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 7152 X                                                                  |
| INGRESS PROTECTION                  | IP66                                                                                |
| 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                  | 2 Slotted Fixing Holes for (M6/M8) Screws                                           |
| EARTHING                            | M6 External / M6 Internal Earth Stud                                                |
| ENCLOSURE EXTERNAL DIMENSIONS       | 151*150*105                                                                         |
| 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) |     |     |
|-------------------|-----------------------|-----|-----|-----------------------|-----|-----|
|                   | T4                    | T5  | T6  | T4                    | T5  | T6  |
| LJB 2             | 70W                   | 41W | 28W | 57W                   | 28W | 15W |

### TABLE 2- MAXIMUM NUMBER OF ENTRIES PER SIDE OTHER THREAD FORMS/ COMBINATION AVAILABLE ON REQUEST

| TYPE  | SIDE       | M20/M16 | M25 |
|-------|------------|---------|-----|
| LJB 2 | LEFT/RIGHT | 1       | 1   |
|       | TOP/BOTTOM | 3       | 2   |

### DIMENSIONS (MM)

|                               | LENGTH | WIDTH | HEIGHT |
|-------------------------------|--------|-------|--------|
| EXTERNAL DIM                  | 150    | 151   | 105    |
| INTERNAL DIM                  | 125.5  | 125.5 | 70     |
| FIXING BRACKETS: 128.9 X 91.4 |        |       |        |

