



**1. GENERAL**

The marking of the Junction boxes shall include the following:

**Ex e IIC T6/T5/T4 Gb**

**Ex tb IIIC T80°C Db IP66**

Junction box with already component certified enclosures and terminals. The increased safety is given by limitation of maximum power dissipation and max number of terminals defined by manufacturer.

Based on the following documentation: IECEx EPS 13.0002 Issue No 0

**2. INSTALLATION INSTRUCTIONS**

It is the manufacturer's responsibility to supply installation instructions with each unit offered for sale as required by IEC/SANS 60079-0 Clause 30.

**3. SPECIAL CONDITIONS FOR SAFE USE** (denoted by "X" after certificate number)

None.

**4. SCHEDULE OF LIMITATIONS** (denoted by "U" after certificate number)

None.

**5. CONDITIONS OF CERTIFICATION**

All production units must be covered by a QAN (Quality Assurance Notification), Product Mark Scheme or batch evaluation.

Only certified components with applicable standard revision and temperature rating shall be used.

The ambient temperature conditions are as follows:

-40°C ≤ Ta ≤ +50°C (T6)

-40°C ≤ Ta ≤ +55°C (T5)

-40°C ≤ Ta ≤ +60°C (T4)

**6. MARKING**

The following (or similar) information have to be clearly and permanently marked on all units:

Supplier : Eltherm Production GmbH  
 Manufacturer : eltherm production GmbH  
 Equipment : Junction boxes  
 Model/Type : ELAK-EX...  
 Serial No. : ---  
 Ex Rating : Ex e IIC T6/T5/T4 Gb  
                   Ex tb IIIC T80°C Db IP66  
 IA Certificate No : S-XPL/15.1336

**Responsible Testing Officer:**


**P van Staden**

**Testing Officer**

**EXPLOLABS EXPLOSION PREVENTION SERVICES**

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