

Zone 1 High Voltage Junction Box Model Series 30AH-JBOX-MVZ1 Specifications

➤ IECEx CML 20.0084X

- 11kV and under
 - Ex db eb IIC T4/T3 Gb
 - Ex db eb op pr IIC T4/T3 Gb
- Greater Than 11kV
 - Ex db eb sb IIC T4/T3 Gb
 - Ex db eb op pr sb IIC T4/T3 Gb

➤ CML 22ATEX3129X

- 11kV and under
 - II 2G
 - Ex db eb IIC T4/T3 Gb
 - Ex db eb op pr IIC T4/T3 Gb
- Greater Than 11kV
 - II 2G
 - Ex db eb sb IIC T4/T3 Gb
 - Ex db eb op pr sb IIC T4/T3 Gb



➤ CE Mark and Notify Body No.



➤ AMBIENT TEMPERATURE RATING:

- -20°C TO +50°C



➤ INGRESS PROTECTION

- IP66

➤ TYPE of PROTECTION

- Special protection “sb”
- Increased Safety “eb”
- Flameproof “db”
- Option: Optical Radiation “op pr”

➤ RATING:

- 45kVA Max
- 1078 A Max

MODIFICATION AND DESIGN OPTIONS



➤ CUSTOMIZED CONFIGURATIONS TO MEET DESIGN NEEDS:

- Optional Ex db anti-condensation heater sub-assembly
- Optional Ex eb temperature sensor sub-assembly
- Custom mounting frames available as needed

➤ JUNCTION BOX SIZES AVAILABLE:

- 5kVA, 6.5kVA, 11kVA, 15kVA, 20kVA, 25kVA, 35kVA and 45kVA
- Enclosure sizes adjusted as needed per voltage and end-user needs.

➤ DESIGN DOCUMENTS:

- All drawings, general arrangements, and operations/maintenance manual information are supplied with all builds.
- Other custom design documents available upon request

➤ MATERIAL

- Enclosure constructed of 12 gauge 316L stainless steel

➤ COATING OPTIONS

- Epoxy Coating
- Powder Coating

