

Authority Quality Manager
Document TCISEXEH
Revision D
Date 11/08/06
Signed

Temperature Controls Pty Ltd

ABN 966 501 901 83

7 Yamma St

Sefton NSW 2162

Phone 612 9721 8650

Fax 612 9738 9339

Ex e Junction Boxes Installation Instructions

Model TC20EXE1

This enclosure carries Test Safe Increased Safety certification for use in hazardous areas.

Ex e II T6 IP66 Certificate No IECEx TSA 06.0007U

1. Only approved components shall be connected to this enclosure.
2. Check that O ring is correctly fitted to ensure sealing integrity is maintained.
3. Maximum Voltage and power not to exceed Certificate of Conformity approval
40 Volt 3 Watt
4. Ensure all wiring insulation and connections are correct and undamaged.
5. Check earthing connections are tight and corrosion free.
Note: Internal earth bonding point is located under terminal block and should be connected prior to fitting / wiring terminal block.
6. Ensure cap is secure and locking screw tight.
7. Ensure external cables are undamaged and adequately supported.
8. Are there any obvious signs of unauthorised modifications or additions that invalidate certification?
9. Check terminals are correct (stamped with Ex certification), undamaged and only one wire per terminal clamp is fitted. Insulation must be carried right up to the terminal throat. All screws tightened including unused terminals.
10. There are no serviceable parts for this enclosure, for repair or replacement contact the manufacturer.
11. This enclosure has a Temperature Rating of T6 and shall only be used in a maximum ambient temperature of 60 Deg C.

This document shall be supplied with any Ex e enclosure supplied to a customer.

Certification Officer

Phillip Lonsdale

Email p.lonsdale@temperature.com.au

January 2006

Page 1 of 1

Saved: S: QA Documents Ex d overview checklist