

Certification of

EXPLOSION PROTECTED ELECTRICAL EQUIPMENT

Administered by: Standards Australia Quality Assurance Services

Certificate of Conformity

Certificate No: AUS Ex 03.3892 **Issue 0:** Original Issue 3/2/2004

Date of Expiry: 3/2/2014

Certificate Holder: Cortem SpA
Via Aquileia 6
34070 Villesse (Go)
Italy

Electrical Equipment: Range of Series S Junction Boxes

Type of Protection: Ex d
DIP

Marking Code: Ex d IIC T6 IP66/IP67
DIP A21 T6 IP66/IP67
AUS Ex 03.3892

Manufactured By: Cortem SpA
Via Aquileia 6
34070 Villesse (Go)
Italy

Issued by:



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Australia

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JAS-ANZ



Accreditation by the Joint Accreditation
System of Australia and New Zealand,
Acc No. Z2221100AS



STANDARDS AUSTRALIA

Standards Australia Quality Assurance Services Pty Limited A.B.N. 67 050 611 642

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This certificate is granted subject to the conditions as set out in Standards Australia Miscellaneous Publication MP69 and the Procedure (Doc Q7134) of the scheme.

The electrical equipment and any acceptable variation to it specified in the schedule to this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0:1998	Electrical apparatus for explosive gas atmospheres Part 0: General requirements (incorporating Amendment 1-2000)
IEC 60079-1:2001	Electrical apparatus for explosive gas atmospheres Part 1: Flameproof enclosures 'd' (incorporating Corrigendum 1)
IEC 61241-1-1:1999	Electrical apparatus for use in the presence of combustible dust Part 1.1: Electrical apparatus protected by enclosures and surface temperature limitation - Specification for apparatus
IEC 60529:1989	Degrees of protection provided by enclosures (IP Code) (incorporating Amendment 1)

This certificate does not ensure compliance with electrical safety requirements and performance other than those included in the Standards listed above.

The equipment listed successfully met the examination and test requirements as recorded in

Test Report No: TestSafe 24662

File Reference: TestSafe 2002/030645

Signed for and on behalf of issuing authority

Laboratory Systems Manager

Position

3/2/2004

Date of Issue

Ex 03.3892-0

This certificate and schedule may not be reproduced except in full.

This certificate is not transferable and remains the property of Standards Australia Quality Assurance Services and must be returned in the event of it being revoked or not renewed.

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Schedule

Certificate No: AUS Ex 03.3892 **Issue:** 0 **Date of Issue:** 3/2/2004

Certified Equipment: A range of cylindrical cast alloy enclosures with a threaded joint between body and cover intended to house terminals and be used as junction boxes. Up to four threaded entries for cable glands maybe provided displaced at 90° on the body wall and one entry via the base. The type, entry configuration and size of enclosures are specified by Drawings A1-013 and A1-015. Drawing A2-191 specifies the type and maximum number of terminals allowed on each enclosure. An O-ring gasket made of Nitrile Butyle Rubber (NBR) is placed between the body and the cover to provide ingress protection against dust and water.

Materials of construction are:

- G-AI Si 13 UNI 4514 aluminium alloy
- AISI 303, 304 or 316 stainless steel
- UNI 5705 (OT 58) Brass

The junction boxes are identified by a code described by Technical Note A4-799.

Conditions of Certification:

Nil.

Drawing Schedule

Drawing No.	Drawing Title	Issue	Date
A1-013	Junction Boxes Type: SA.1-SL.1-ST.1-SC.1-SX.1-SB.1-SD.1-SM.1-SW.1	0	20/03/01
A1-015	Junction Boxes Type: SB-SWS-SD-SM-SW-ST-SX-SL-SC	0	20/03/01
A2-191	Junction Box S.1-GUA-EAH-GUFX-S type	0	15/03/01
A3-229	Equivalence Table for Cylindrical Threads Female Ring for Junction Boxes	0	19/03/01
A3-230	Junction Boxes	0	15/03/01
A3-239	Example and Types of the Marking for Junction Boxes Type S.1-S-GUA-EAH-GUFX	1	17/12/03
A4-801	Equivalence Table for Tapered Threads Hubs Male-Female	0	01/06/00
A4-799	ELFIT SPA Technical Note	0	15/03/01

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