



CSA INTERNATIONAL

# Certificate of Compliance

**Certificate:** 2140177

**Master Contract:** 245423

**Project:** 2140177

**Date Issued:** 2009/03/22

**Issued to:** Quintex GmbH

13 i\_Park Tauberfranken  
Lauda-Konigshofen, Baden-Wurttemberg D-97922  
Germany  
Attention: Gisbert Schmahl

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:** Rob Kohuch E.I.T.

**Authorized by:** Patricia Pasemko, Operations Manager

## **PRODUCTS**

**CLASS 4418 02** - OUTLET BOXES AND FITTINGS - Boxes - For Hazardous Locations

**CLASS 4418 82** - OUTLET BOXES AND FITTINGS - Boxes - For Hazardous Locations -  
Certified to US Standards

Class I, Div 1 Gr. ABCD

Line Bushings and Plugs



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Type: LE abcde/f

Where:

a - Denotes type

S= Screwable

P= Plugable

U= Screwable with shock protection

Z= Plugable with shock Protection

b – Denotes thread

M=Metric

N=NPT Thread

c – Size of Thread

10-42mm or NPT equivalent

d – Rated insulation voltage

0-(no wires)

1- 440V

2- 690V

3- 1000V

4- 3000V

5- 6000V

e – number of cores

00 (no core)-50

f- option not relevant to this report

Measuring voltage/Operating voltage (see condition of certification 2):



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Type LE\_\_\_1\_\_ 440/500 V

Type LE\_\_\_2\_\_ 690/750 V

Type LE\_\_\_3\_\_ 1000/1100 V

Operating Current(see condition of certification 2)

0.25mm<sup>2</sup> 3.0A    6mm<sup>2</sup> 36A

0.35mm<sup>2</sup> 5.5A    10mm<sup>2</sup> 50A

0.5mm<sup>2</sup> 7.5A    16mm<sup>2</sup> 67A

0.75mm<sup>2</sup> 10A    25mm<sup>2</sup> 90A

1.0mm<sup>2</sup> 12A    35mm<sup>2</sup> 110A

1.5mm<sup>2</sup> 15A    50mm<sup>2</sup> 140A

2.5mm<sup>2</sup> 21A    70mm<sup>2</sup> 170A

4.0mm<sup>2</sup> 28A    95mm<sup>2</sup> 205A

Ta: -55°C ≤ Ta ≤ 115 °C

#### Conditions of Certification

1. Suitability of end use installation to be determined by certification body or Local Authority having Jurisdiction.
2. Suitability of non-certified cable and wire to be determined by certification body or Local Authority having Jurisdiction.

#### **APPLICABLE REQUIREMENTS**

C22.2 No 0 - M1991    -    General Requirements - Canadian Electrical Code Part II.

C22.2 No 30 - M1986    -    Explosionproof Enclosures for Use in Class I Hazardous Locations



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C22.2 No 18.3 - 04 - Conduit, Tubing, and Cable Fittings

UL 1203, 4th Edition (Classified) Locations. - Explosion Proof and Dust Ignition Proof Electrical Equipment for Use in Hazardous

UL 886 10th ed - Outlet Boxes and Fittings for Use in Hazardous (Classified) Locations