

Class Description	
Class Number	Description
4418-82	OUTLET BOXES AND FITTINGS-Boxes - For Hazardous Locations - Certified to US Standards

QUICK LINKS

- Certification Marks & Labels
- Certified Product Listing
- CSA Communities
- Request a Quote

COVERAGE:

Boxes, covers and fittings intended primarily to facilitate installation of wiring in accordance with the Canadian Electrical Code, Part I by providing points of access to the wireway. Connection blocks may be supplied. Boxes are provided with integral or bolt-on conduit hubs or are constructed with wall sections of sufficient thickness that conduit entries can be machined into the walls.

Boxes are provided with hinged, threaded or bolted-on covers, and may or may not be provided with windows. Boxes for use in Class I hazardous locations have machined or threaded joints, for Class II hazardous locations boxes may have machined, threaded or gasketed joints.

REQUIREMENTS:

UL Standard 886 - Outlet Boxes and Fittings For Use in Hazardous (Classified) Locations

MARKING:

- submittor's identification;
- model designation or equivalent;
- applicable hazardous locations Class, Group and sometimes Division. Equipment not marked to indicate a Division, or marked "Division 1" or "Div 1" is certified for both Divisions 1 and 2 locations. Equipment marked "Division 2" or "Div 2" is certified only for Division 2 locations;
- cautions, warnings and additional markings as may be required by the applicable Standards;
- CSA Monogram and "NRTL".

CSA Group Web Sites

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mi Technology Group

Orb Optronix

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About CSA Group

CSA Group is an independent, not-for-profit member-based association dedicated to advancing safety, sustainability and social good. We are an internationally-accredited standards development and testing & certification organization. We also provide consumer product evaluation and education & training services. Our broad range of knowledge and expertise includes: industrial equipment, plumbing & construction, electro-medical & healthcare, appliances & gas, alternative energy, lighting and sustainability. The CSA mark appears on billions of products around the world.

Class Description

Class Number	Description
4418-02	OUTLET BOXES AND FITTINGS-Boxes - For Hazardous Locations

QUICK LINKS

- [Certification Marks & Labels](#)
- [Certified Product Listing](#)
- [CSA Communities](#)
- [Request a Quote](#)

Boxes, covers and fittings intended primarily to facilitate installation of wiring in accordance with the Canadian Electrical Code, Part I by providing points of access to the wireway. Connection blocks may be supplied. Boxes are provided with integral or bolt-on conduit hubs or are constructed with wall sections of sufficient thickness that conduit entries can be machined into the walls.

Boxes are provided with hinged, threaded or bolted-on covers, and may or may not be provided with windows. Boxes for use in Class I hazardous locations have machined or threaded joints, for Class II hazardous locations boxes may have machined, threaded or gasketed joints.

REQUIREMENTS:

CSA Standard C22.2 No 0	General Requirements - Canadian Electrical Code, Part II
CSA Standard C22.2 No 25	Enclosures for Use in Class II Groups, E, F and G Hazardous Locations
CSA Standard C22.2 No 30-M	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
T.I.L. No E-08	Industrial Control Panels for use in Hazardous Locations
T.I.L. No E-11	Enclosures of Welded Construction for Class I, Division 1, Hazardous Locations
T.I.L. No E-12	Explosion-proof Enclosures For Use in Class I Hazardous Locations
T.I.L. No E-13A	Electrical Equipment For Use in Hazardous Locations
T.I.L. No E-17	Explosion Proof Enclosures for Use in Class I Hazardous Locations
T.I.L. No E-18	Explosion Proof Enclosures for Use in Class I Hazardous Locations
T.I.L. No E-24	HAZ LOC Equipment Class 1
T.I.L. No E-25	Electrical Equipment for Use in Explosive Gas Atmospheres

The certified equipment appearing in this classification is judged to comply with the applicable requirements of the NFPA 70 National Electrical Code (NEC), for use in hazardous locations

MARKING:

- submittor's identification;
- model designation or equivalent;
- applicable hazardous locations designation;
- "OPEN CIRCUIT BEFORE REMOVING COVER/OVRIR LE CIRCUIT AVANT D'ENLEVER LE COUVERCLE";
- cautions, warnings and additional markings as may be required;
- CSA Monogram.

In addition, equipment intended for display, sale or use in the USA, is required to include other information such as warning statements, installation instructions, etc., as may be specified in the NEC.

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