



Certificate of Compliance

Certificate: 2356734

Master Contract: 164460

Project: 2356734

Date Issued: April 20, 2012

Issued to: EGS Electrical Group LLC

9377 W Higgins Rd
Rosemont, IL 60018
USA

Attention: Leonard Steinbeigle

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.



Don Verbeem

Issued by: Don Verbeem

PRODUCTS

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

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

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

Class I, Division 2, Groups ABCD; Class II, Groups EFG; Class III; DIP A21, IP66Stainless Steel Junction Boxes, Type JBe, Catalog numbers U6XXXXX, blank or with Certified conduit hubs or cable glands for Class II, Groups EFG and/or DIP A21, IP66. Ambient temperature range: -55°C to +70°C

Notes:

1. The overall IP rating of the enclosure is governed by the lowest IP rating of any devices which are interfaced with the enclosure. DIP A21 rating of the enclosure requires that the IP66 rating is provided on all accessories.
2. Conduit hubs and cable glands must be suitable for applicable hazardous location classification as determined by the local jurisdictional authority.
3. Cat No. may followed by alphanumeric suffix denoting size of enclosure and number of gland opening(s)
4. Listing applies to the empty enclosure only.



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

Class I, Division 2, Groups ABCD; Class II, Division 2, Groups FG; Class III; AEx tD 21, IP66

Stainless Steel Junction Boxes, Type JBe, Catalog numbers U6XXXXXX, blank or supplied with Certified conduit hubs or cable glands for AEx tD 21, IP66.

Notes:

1. The overall IP rating of the enclosure is governed by the lowest IP rating of any devices which are interfaced with the enclosure. AEx tD 21 rating of the enclosure requires that the IP66 rating is provided on all accessories.
2. Conduit hubs and cable glands must be suitable for applicable hazardous location classification as determined by the local jurisdictional authority.
3. Cat No. may followed by alphanumeric suffix denoting size of enclosure and number of gland opening(s)
4. Listing applies to the empty enclosure only.

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

Ex e II, T5 or T6; IP 66

Class I, Zone 1, AEx e II, T5 or T6; IP 66

Stainless Steel Junction Boxes, Type JBe, Catalog numbers U6XXXXXX. Rated 600 V max, 400 A Max, blank or supplied with conduit/cable gland entries suitable for connection to Certified AEx/Ex e II conduit hubs or cable glands. Maximum Dissipated power for Zone 1: up to 34W depending on enclosure size, temperature code and ambient rating (see table below). Ambient temperature range: -55°C to +70 °C.

Catalog number	Enclosure Size	Max. Dissipated Power for given Ambient and T code					
		Ta = 40°C max		Ta = 55°C max		Ta = 70°C max	
		T6	T5	T6	T5	T6	T5
U61W	120X120X90	14W	16W	8W	9W	2W	3W
U62W	180X120X90	28W	34W	18W	18W	5W	6W
U63W	180X180X90	32W	34W	19W	19W	7W	7W

Notes:



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1. The temperature code depends on the nature of the contents and the maximum power dissipated by these contents. Final assembly is subject to inspection by CSA or the local authority have jurisdiction.
 2. The overall IP rating of the enclosure is governed by the lowest IP rating of any devices which are interfaced with the enclosure. Minimum IP rating of IP54 is required to maintain Ex e approval.
 3. Cat No. may followed by alphanumeric suffix denoting size of enclosure and number of gland opening(s)
 4. Only suitably Certified AEx/Ex e terminals may be used
 5. Conduit hubs and cable glands must be suitable for applicable hazardous location classification as determined by the local jurisdictional authority.
 6. Listing applies to the empty enclosure only.

APPLICABLE REQUIREMENTS

CAN/CSA Std C22.2 No 0-M91 – General Requirements – Canadian Electrical Code Part II

CAN/CSA Std C22.2 No 25-M66 – Enclosures for Use in Class II, Groups E, F, and G Hazardous Locations

C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

CSA C22.2 No 60079-0:07 - Electrical apparatus for explosive gas atmospheres. PART 0: General requirements.

CAN/CSA E60079-7-2003 - Electrical apparatus for explosive gas atmospheres. PART 7: Increased safety “e”

CSA C22.2 No. 60529-2005 - Degrees of Protection by Enclosure (IP Code)

UL 60079-0, 5th Ed - Electrical apparatus for explosive gas atmospheres. PART 0: General requirements

UL 60079-7, 4th Ed - Electrical apparatus for explosive gas atmospheres. PART 7: Increased safety “e”

ANSI/IEC60529-2004 - Degrees of Protection by Enclosure (IP Code) (identical national adoption)

ANSI/ISA 12.12.01-2011 - Nonincendive Electric Equipment for Use in Class I and II, Division 2 and Class III, Division 1 and 2 Hazardous (Classified) Locations