

# Certification Record | CSA Group.

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CUSTOMER	CLASS	FILE NUMBER
Appleton Group 9377 W Higgins Rd Rosemont Illinois United States 60019	<a href="#">4418-02</a> OUTLET BOXES AND FITTINGS - Boxes - For Hazardous Locations	025875_0_000

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III (Encl.4):

- Outlet boxes in aluminum or malleable iron, Series GUBB, threaded for rigid metal conduit, Cat No GUBB-11, -22, -33, conduit sizes 1/2 through 2 in, with or without Suffix A.
- Outlet boxes, Series GUB and DER with conduit hub brazed or welded to enclosure, Cat Nos GUB-1, -2, -3 and DER-1, conduit sizes 1/2 though 2 in.

Note: Class I, Groups A and B rating seals must be installed adjacent to enclosure.

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III:

- Outlet boxes, Series GRH, threaded for rigid metal conduit: Cat No GRHC-50, -75, -100 GRHL-50, -75, -100 GRHLB-50, -75, -100 GRHT-50, -75, -100 GRHX-50, -75, -100.

Class I, Groups B, C and D; Class II, Groups E, F and G; Class III:

- Outlet boxes, Series GRSS, GRSSA and GRUSE100, for use with GR-EFHC cover threaded for rigid metal conduit, Cat Nos GRSS-50, -75 or -100, conduit size 1/2 in, 3/4 in or 1 in respectively; GRSSA-50, or -75, conduit size 1/2 in or 3/4 in respectively; GRUSE 100; conduit size 1 in.
- Outlet boxes, threaded, for rigid metal conduit;
- Series GR: Cat Nos EFHC, -7550, -7575, -1050, -1075, trade size 1/2 in, 3/4 in and 1 in, with or without Suffix S

- Outlet boxes, Series EJB, cast aluminum, threaded for rigid conduit connection, 1/2 in to 6 in max. Cat Nos EJB-464, -4164, -684, -686, -886, -8106, -1284, -12124, -12126, -12128, -16128, -16166, -16168, -18126, -18128, -18368, -183610, -24128, -241210, -24188, -241810 and -24248, -242410 and -36128 with or without Suffix C.

Note: Suffix "N4" when added to the Cat No denotes Type 3 construction.

- Outlet boxes, threaded for rigid metal conduit; in malleable iron or aluminum; Series GR: Cat Nos GRC-50, -75, -100, -125, -150, -200; GRCA-50, -75; GRE-50, -75, -100, -125, -150; GRL-50, -75, -100, -125, -150, -200; GRLA-50, -75; GRLB-50, -75, -100, -125, -150, -200; GRN-50, -75, -100, -125, -150; GRT-50, -75, -100, -125, -150, -200; GRTA-50, -75; GRX-50, -75, -100, -125, -150, -200. Series GRF: Cat Nos GRFC-50, -75, -100; GRFL-50, -75, -100; GRFT-50, -75, -100, GRFX-50, -75, -100.

Note: Suffix letter A is added to the Cat. No. to denote aluminum construction.

- Outlet boxes, threaded for rigid metal conduit, Cat Nos 52000031 and 52000032, trade size 1-1/4 in and 1-1/2 in respectively; Cat Nos 52000038 and 52000039, trade size 1/2 in NPT.

Note: Outlet boxes, Series GR and GRF, are Certified for enclosure Types 3, 3R and 4.

- Outlet boxes in aluminum and malleable iron, Series GU, threaded for rigid conduit, Cat Nos GUC, GUL, GULB, GUT, GUX and GUJ86-06, conduit sizes 1/2 in, 3/4 in and 1 in.

Note: Cat No GUJ86-06 is provided with instruction sheet for field drilling and tapping, for 1/2 in and 3/4 in only.

Class I, Groups C and D; Class II, Groups E, F and G; Class III; (Encl. 4):

- Outlet boxes in aluminum or malleable iron, Series GUBB, threaded for rigid metal conduit, Cat No GUBB-11, -22, -33, conduit sizes 1/2 through 3-1/2 in, with or without Suffix A.
- Outlet boxes, Series GUB and DER with conduit nut brazed or welded to enclosure, Cat No GUB-1, -2, -3 and DER-1, conduit sizes 1/2 through 3-1/2 in.

Class I, Groups C and D; Class II, Groups E, F and G; Class III; (Encl. Types 3 and 4 where applicable).

- Outlet boxes, threaded for rigid metal conduit; in malleable iron or aluminum: Series GRU: Cat No GRU50-A GRU75-A GRUE50-A GRUE75-A GRUSE-50, -75 GRUT-50, -75.
- Series GRUJ: Cat No GRUJ-1P, -2P, -3P.
- Series GRUO: Cat No GRUO-2.
- Outlet boxes, Series GRJ, threaded for rigid conduit, Cat Nos GRJC, GRJCA, GRJEA, GRJL, GRJT, GRJTA and GRJX; conduit size 1/2 and 3/4 in.

Notes:

1. Covers for use with Series GR and GRF outlet boxes have Cat Nos GRK-1, -1DC, -1F, -1M, -1SC, -2, -2M, -2SC, -3, -3M, -3R, -3SC, -50, -50C, -75, -75C, -75U or -100C.
2. Covers Cat No GRK-1SC, -2SC, -3SC may be followed with letter "A" suffix to denote aluminum construction.
3. GRJ conduit outlet boxes with cover gasket for Encl. Types 3 and 4 are denoted with suffixes 520132 followed by -5, -7, -50 or -75, followed by -C, -CA, -EA, -L, -T, -TA or -X.

Product may be marked with any of the following combination of Trademark and/or Tradename: "Appleton", "A in a triangle", "Unilet", "O-Z/G", "OZ/Gedney" or "ETP".

Class I, Division 2, Groups ABCD; ClassII, Groups EFG; Class III, Type 4X  
 DIP A21, IP66

- Stainless 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. Enclosure with window, Catalog number U6XXX23 through U6XXX33, are permitted to be marked Type 4X.
2. Enclosure rating subject to lowest rating devices interfaced with the enclosure. To maintain 4X rating all interfacing devices shall be Type 4X .
3. 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.
4. Conduit hubs and cable glands must be suitable for applicable hazardous location classification as determined by the local jurisdictional authority.
5. Cat No. may followed by alphanumeric suffix denoting size of enclosure and number of gland opening(s)
6. Listing applies to the empty enclosure only.

Ex e II, T5 or T6; IP 66

- Stainless Steel Junction Boxes, Type JBe, Catalog numbers U6XXXXX. Rated 600 V max, 400 A Max, blank or supplied with conduit/cable gland entries suitable for connection to Certified 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	120 X 120 X 90	14 W	16W	8W	9W	2W	3W
U62W	180 X 120 X 90	28 W	34W	18W	18W	5W	6W
U63W	180 X 180 X 90	32 W	34W	19W	19W	7W	7W

Notes:

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 Ex e terminals may be used
5. Conduit hubs and cable glands must be suitable for applicable hazardous location

6. Listing applies to the empty enclosure only.

Class I, Division 2, Groups ABCD; Type 4/4X\*\*, Type 12

- Aluminum Enclosure Type PCe, Catalog numbers U8XXXXX\*\*, blank or supplied with Certified conduit hubs or cable glands. Ambient temperature range: -55??C to +60??C.

Notes:

1. \*\* Type 4X rating of the enclosure applies only to painted aluminum enclosures; unpainted enclosures may be marked Type 4. Enclosures with window, Catalog numbers U8XXX23 through U8XXX33, are not permitted to be marked as Type 4/4X.
2. Type 4X rating of the enclosure is determined by the lowest Type rating of any devices which are interfaced with the enclosure.
3. Conduit hubs and cable glands must be suitable for applicable hazardous location classification as determined by the local jurisdictional authority.
4. Cat No. may followed by alphanumeric suffix denoting size of enclosure and number of gland opening(s)
5. Listing applies to the empty enclosure only.

Ex e II, T5 or T6;

- Aluminum Enclosures, Type PCe, Catalog numbers U8XXXXX, Rated 500 V max, 16A Max, blank or supplied with conduit/cable gland entries suitable for connection to Certified Ex e II conduit hubs or cable glands. Maximum Dissipated power for Zone 1: up to 16W depending on enclosure size (see table below). Ambient temperature range: -55??C to +60 ??C.

Catalog number	Enclosure Size	Max. Dissipated Power for temperature code T6 at 40??C ambient /T5 at 55??C ambient
U81	120 X 110 X 95	6W
U82	170 X 110 X 95	11 W
U83	230 X 110 X 95	16 W

Notes:

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 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.

Class I, Division 2, Groups ABCD; Class II, Groups EFG; CLASS III, Type 4X

DIP A21, IP66

- Polyester Enclosure Type CSPe, Catalog numbers U2XXXXX, blank or supplied with Certified conduit hubs or cable glands for Class II, Groups EFG and/or DIP A21, IP66. Ambient temperature range: -55??C to +60??C.

Notes:

1. Type 4X rating of the enclosure is determined by the lowest Type rating of any devices which are interfaced with the enclosure.
2. 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.
3. Conduit hubs and cable glands must be suitable for applicable hazardous location classification as determined by the local jurisdictional authority.
4. Cat No. may followed by alphanumeric suffix denoting size of enclosure and number of gland opening(s)
5. Listing applies to the empty enclosure only.

Ex e II, T5 or T6; IP 66

- Polyester Enclosures, Type CSPe, Catalog numbers U2XXXXX, Rated 500 V max, 16A Max, blank or supplied with conduit/cable gland entries suitable for connection to Certified Ex e II conduit hubs or cable glands. Maximum Dissipated power for Zone 1: up to 16W depending on enclosure size (see table below). Ambient temperature range: -55??C to +60 ??C.

Catalog number	Enclosure Size	Max. Dissipated Power for temperature code T6 at 40??C ambient /T5 at 55??C ambient
U21	120 X 120 X 90	6W
U22	170 X 120 X 90	11 W
U23	230 X 120 X 90	16 W

Note:

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 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.