

FS and FD Cast Device Boxes

CSA Certification Only.

UNILETS® for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 1-5/8" in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive stainless steel screws to speed installation, prevent "freezing" of screws.
- Ground screw at top of box for easy access.
- Cast Hub Boxes
 - Available in single, two, three and four gang and tandem.
 - Smooth, rounded integral bushing in each hub protects conductor insulation.
- FD Blank Bodies for Brazed Hubs or Drill and Tapped Entries
 - Available in single, two, three and four gang boxes.
 - Drill and tapped entries.
 - Brazed threaded hubs for threaded conduit from 1/2" thru 1-1/2" and brazed union hubs from 1/2" thru 1-1/4.
 - Smooth, rounded integral bushing in each hub protects conductor insulation.
 - Ground screw at top of box for easy access.

Standard Materials

- Cast hub device boxes and boxes for drilling and tapping: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Brazed hubs: malleable iron
- Covers: malleable iron, steel, or copperfree (4/10 of 1% max.) aluminum

Standard Finishes

- Malleable iron boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) aluminum polymer enamel
- Aluminum boxes and covers: epoxy powder coat
- Steel covers: zinc electroplate
- Screws: stainless steel

Options

- Enclosures drilled for 347 Volt devices. Add suffix **-347**.




Gasket is designed so that it "wraps around" ridge top of Appleton aluminum or malleable iron device box. Result is a positive seal against moisture.

Certifications and Compliances

- CSA Standard: C22.2 No. 18.1
- CSA Certified: 001472

Reference Data


- When ordering drilled and tapped openings or brazed hubs for blank bodies, refer to *FS and FD Cast Device Boxes Drilling and Tapping Information*  pages.

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FS and FD Single-Gang Cast Device Boxes

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	Size		Malleable Iron			Aluminum	
			Catalog Number	Wt. Lbs./Kgs.		Catalog Number	Wt. Lbs./Kgs.
	1/2		FS-1	1.94/0.88		FS-1A	0.64/0.29
	3/4	Shallow	FS-2	2.25/1.02	Shallow	FS-2A	0.75/0.34
	1		FS-3	1.94/0.88		FS-3A	0.64/0.29
	1/2		FD-1	2.70/1.22		FD-1A	0.90/0.41
	3/4	Deep	FD-2	2.60/1.18	Deep	FD-2A	0.92/0.42
	1		FD-3	2.80/1.27		FD-3A	0.94/0.43
	1/2	Shallow	FSA-1	1.70/0.77	Shallow	FSA-1A	0.57/0.26
	3/4		FSA-2	1.60/0.73		FSA-2A	0.58/0.26
	1/2	Deep	FDA-1	2.10/0.95	Deep	FDA-1A	0.70/0.32
	3/4		FDA-2	2.00/0.91		FDA-2A	0.67/0.30
	1/2		FSC-1	2.10/0.95		FSC-1A	0.70/0.32
	3/4	Shallow	FSC-2	2.40/1.09	Shallow	FSC-2A	0.80/0.36
	1		FSC-3	2.06/0.93		FSC-3A	0.70/0.32
	1/2		FDC-1	2.80/1.27		FDC-1A	0.94/0.43
	3/4	Deep	FDC-2	2.80/1.27	Deep	FDC-2A	0.94/0.43
	1		FDC-3	3.00/1.36		FDC-3A	1.00/0.45
	1/2	Shallow	FSCC-1	1.70/0.77	Shallow	FSCC-1A	0.57/0.26
	3/4		FSCC-21 *	2.20/0.99		FSCC-21A *	0.74/0.34
	1/2		FSCT-1	2.50/1.13		FSCT-1A	0.84/0.38
	3/4	Shallow	FSCT-2	2.50/1.13	Shallow	FSCT-2A	0.84/0.38
	1		FSCT-3	2.25/1.02		FSCT-3A	0.75/0.34
	1/2		FDCT-1	3.00/1.36		FDCT-1A	1.00/0.45
	3/4	Deep	FDCT-2	2.80/1.27	Deep	FDCT-2A	0.94/0.43
	1		FDCT-3	3.10/1.41		FDCT-3A	1.03/0.47
	1/2	Deep	FDD-1	2.20/0.99	Deep	FDD-1A	0.74/0.34
	3/4		FDD-2	2.30/1.04		FDD-2A	0.77/0.35
	3/4	Shallow	FSL-2	2.34/1.06	Shallow	FSL-2A	0.78/0.35




* Use FD Unilets for wiring devices exceeding 1-5/8" in depth under fastening ears.

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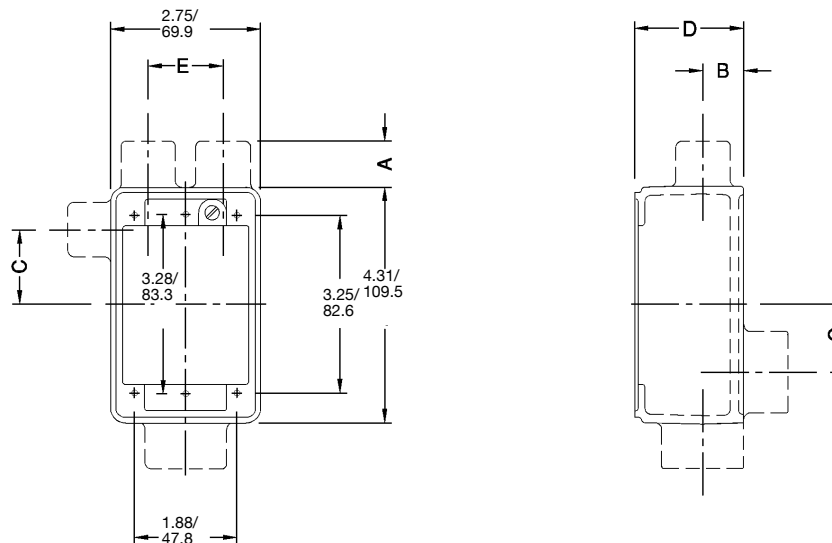
FS and FD Single Gang Cast Device Boxes

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	Size	Malleable Iron		Aluminum			
		Catalog Number	Wt. Lbs./Kgs.	Catalog Number	Wt. Lbs./Kgs.		
	1/2	Shallow	FSS-1	1.80/0.82	Shallow	FSS-1A	0.60/0.27
	3/4		FSS-2	1.80/0.82		FSS-2A	0.60/0.27
	1/2	Shallow	FST-1	2.46/1.12	Shallow	FST-1A	0.82/0.37
	3/4		FST-2	2.33/1.06		FST-2A	0.78/0.35
	1	Deep	FDT-3	3.20/1.45	Deep	FDT-3A	1.07/0.49
	1/2	Shallow	FSX-1	2.75/1.25	Shallow	FSX-1A	0.91/0.41
	3/4		FSX-2	2.34/1.06		FSX-2A	0.78/0.35
	1/2	Deep	FDX-1	3.10/1.41	Deep	FDX-1A	1.03/0.47
	3/4		FDX-2	3.00/1.36		FDX-2A	1.06/0.48
	1		FDX-3	3.50/1.59		FDX-3A	1.17/0.53

Dimensions in Inches/Millimeters



FS & FD Single Gang Devices









Hub Size	A	B	C	D		E
				FS	FD	
1/2	0.75/0.3	0.63/0.3	1.38/0.6	2.00/0.9	2.75/1.3	1.38/0.6
3/4	0.75/0.3	0.75/0.3	1.38/0.6	2.00/0.9	2.75/1.3	1.38/0.6
1	0.88/0.4	0.88/0.4	1.25/0.8	2.00/0.9	2.75/1.3	1.38/0.6

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	Description	Catalog Number	Wt. Lbs./Kgs. Per 100
Single Gang Covers			
	Blank Cover, Steel — Zinc Electroplate	FS-4 *	12.00/5.44
	Round Receptacle Cover, Steel — Zinc Electroplate Hole dia. 1-7/16"	FS-5 *	12.00/5.44
	Duplex Receptacle Cover, Steel — Zinc Electroplate	FS-6 *	10.00/4.54
	Round Receptacle Cover, Steel — Zinc Electroplate Hole dia. 1-5/8"	FS-8 *	12.00/5.44
	Tumbler Switch Cover, Steel — Zinc Electroplate	FS-9 *	12.00/5.44
	Tumbler Switch Cover, Steel — Zinc Electroplate	FSK-ITS-G †	22.00/9.98
	For pilot lamp Red Jewel Amber Jewel Green Jewel Opal Jewel	FSK-1J † FSK-1JA † FSK-1JG † FSK-1JO †	25.00/11.34
Single Gang Weatherproof Covers			
	Blank Cover, Malleable Iron, Zinc Electroplate	FS-100G	56.00/25.40

Fittings

FITTINGS: CAST DEVICE BOXES

* Available in Aluminum: Add suffix **-A** to Catalog Number.

† Also for use with multiple gang Unilets with individual cover openings.

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