## **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.





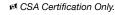
Gasket is designed so that it "wraps around"
ridge top of Appleton aluminum or malleable iron device box.
Result is a positive seal against moisture.

## **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.



# FS and FD Single-Gang Cast Device Boxes 🖼

# **CSA Certification Only.**

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

			Malleable Iron			Aluminum	
	Size		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		FSA-1	1.70/0.77		FSA-1A	0.57/0.26
	3/4	Shallow	FSA-2	1.60/0.73	Shallow	FSA-2A	0.58/0.26
<b>a</b>	1/2		FDA-1	2.10/0.95		FDA-1A	0.70/0.32
	3/4	Deep	FDA-2	2.00/0.91	Deep	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	0.14.1011	FSC-3A	0.70/0.32
	1/2		FDC-1	2.80/1.27	Deep	FDC-1A	0.94/0.43
	3/4	Deep	FDC-2	2.80/1.27		FDC-2A	0.94/0.43
	1		FDC-3	3.00/1.36		FDC-3A	1.00/0.45
72-43 SC-17							
	1/2		FSCC-1	1.70/0.77		FSCC-1A	0.57/0.26
•		Shallow			Shallow		
	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		FDD-1	2.20/0.99		FDD-1A	0.74/0.34
		Deep			Deep		
	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

 $<sup>^{\</sup>ast}$  Use FD Unilets for wiring devices exceeding 1-5/8" in depth under fastening ears. CSA Certification Only.



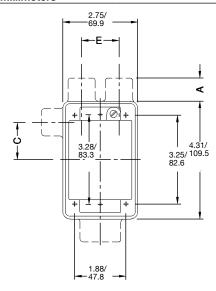
# FS and FD Single Gang Cast Device Boxes 🖼

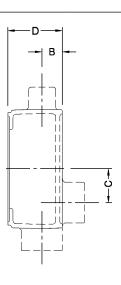
## **CSA Certification Only.**

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

			Malleable Iror	1		Aluminum	
	Size		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	Grianow	FSS-2	1.80/0.82	Ghallow	FSS-2A	0.60/0.27
	1/2		FST-1	2.46/1.12		FST-1A	0.82/0.37
	3/4	Shallow	FST-2	2.33/1.06	Shallow	FST-2A	0.78/0.35
	1	Deep	FDT-3	3.20/1.45	Deep	FDT-3A	1.07/0.49
	1/2	Ohalla	FSX-1	2.75/1.25	Oh all a	FSX-1A	0.91/0.41
	3/4	Shallow	FSX-2	2.34/1.06	Shallow	FSX-2A	0.78/0.35
	1/2		FDX-1	3.10/1.41		FDX-1A	1.03/0.47
	3/4	Deep	FDX-2	3.00/1.36	Deep	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

			D				
Hub Size	A	В	C	FS	FD	E	
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	

CSA Certification Only.

# FS and FD Single Gang Cast Device Boxes $\ensuremath{\mathfrak{M}}$

CSA Certification Only.
UNILETS® for use with Threaded Rigid Conduit and IMC.

	Description	Catalog Number	Wt. Lbs./Kgs. Per 100
ngle Gang Covers			
	Blank Cover, Steel — Zinc Electroplate	FS-4 *	12.00/5.44
0	Round Receptacle Cover, Steel — Zinc Electroplate Hole dia. 1-7/16"	FS-5 *	12.00/5.44
1	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
0	Tumbler Switch Cover, Steel — Zinc Electroplate	FS-9 *	12.00/5.44
3	Tumbler Switch Cover, Steel — Zinc Electroplate	FSK-ITS-G†	22.00/9.98
	For pilot lamp		
	Red Jewel	FSK-1J <sup>†</sup>	
	Amber Jewel	FSK-1JA†	25.00/11.34
	Green Jewel	FSK-1JG †	23.00/11.34
	Opal Jewel	FSK-1JO †	
gle Gang Weatherproof C	covers		
	Blank Cover, Malleable Iron, Zinc Electroplate	FS-100G	56.00/25.40



<sup>\*</sup> Available in Aluminum: Add suffix -A to Catalog Number.

<sup>†</sup> Also for use with multiple gang Unilets with individual cover openings. 

CSA Certification Only.

# FS and FD Single Gang Cast Device Boxes $\ensuremath{\mathfrak{M}}$

CSA Certification Only.
UNILETS® for use with Threaded Rigid Conduit and IMC.

		Catalog Number							
	Description	Malleable Iron Ridge Top	Aluminum Ridge Top						
Cast Covers Only — Weatherproof — Furnished with gasket and stainless steel screws									
	Receptacle cover with spring cover.  Hole Diameter — 1-7/16"	FSK-1VRCN	-						
	Rocker type for square handle tumbler or toggle switches	FSK-1VCN	FSK-1V-ACN						
	For duplex flush receptacle with spring cover	FSK-1VDR	FSK-1VDR-A						
	For external operation of tumbler switches with square handles	FSK-1VTSCN	FSK-1VTSACN						
	Operating type for square handle tumbler or toggle switches	FSK-1VSCN	FSK-1VS-ACN						
asket – Replacement	t								
	Neoprene – for use with cast	FS-GKR-1N	FS-GKR-1N						
ast Covers Only — Fu	rnished with stainless steel screws less gasket								
0	For standard 2 or 3 wire duplex receptacles	FSK-1DR-CCN	-						
01	For round flush receptacles.Hole dia. 1-7/16"	FSK-1R-ZCN	_						
	For square handle toggle switches	FSK-1TS-CCN	_						
A	For square handle toggle switches (with protecting guard)	FSA-1TSG-CCN	FSK-1TSG-CACN						





# FS and FD Receptacle Covers and Plugs for Single Gang Device Boxes 🖼

CSA Certification Only. Weatherproof, Raintight and Dust-tight

Covers for Ridge Top Boxes.

					Catalog Number	
				Recep	tacles	
	Receptacle	Plug	Pole/Wire	Malleable Iron Ridge Top	Aluminum Ridge Top	Plug
Receptacle cover has threaded a screws.	luminum cap. Plug has neopi	rene boot and aluminu	ım fastening ring	. Furnished with rece	ptacle, neoprene gas	sket, stainless steel
Non-Locking, "U" Shaped (	Grounding Type — Rece	ptacle takes "U" s	haped or rou	nd grounding con	tact plugs	
	15 Amp, 125V					
Account 1	NEMA 5-15R ( N	EMA 5-15P	2P, 3W	FSK5-15	FSK5-15-A	FSWP5-15
	20 Amp, 125V					
	NEMA 5-20R	EMA 5-20P	2P, 3W	FSK5-20 <sup>†</sup>	FSK5-20-A †	FSWP5-20
A	15 Amp, 250V					
	NEMA 6-15R ON	EMA 6-15P	2P, 3W	FSK6-15	FSK6-15-A	FSWP6-15
811	20 Amp, 250V					
	NEMA 6-20R D N	EMA 6-20P	2P, 3W	FSK6-20 ‡	FSK6-20-A	FSWP6-20
Locking Grounding Type						
a same	15 Amp, 125V					
	NEMA L5-15R	EMA L5-15P	2P, 3W	FSKL5-15		FSWPL5-15
	15 Amp, 250V					
<b>A</b>	NEMA L6-15R	EMA L6-15P	2P, 3W	FSKL6-15		FSWPL6-15
	15 Amp, 277V					
A.V.	NEMA L7-15R	EMA L7-15P	2P, 3W	FSKL7-15		FSWPL7-15

<sup>†</sup> Also takes FSWP5-15 Plugs. ‡ Also takes FSWP6-15 Plugs.

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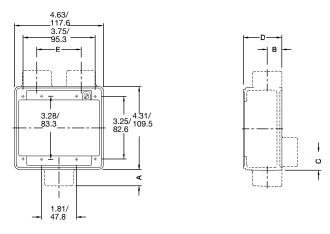
# FS and FD Two Gang Cast Device Boxes 🖼

CSA Certification Only.

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

		Gray Iron			Aluminum	
Size		Catalog Number	Wt. Lbs./Kgs.		Catalog Number	Wt. Lbs./Kgs.
1/2	Shallow	FS-12	2.70/1.22	Shallow	FS-12A	0.90/0.41
3/4		FS-22	2.60/1.18		FS-22A	0.87/0.39
1/2		FD-12	2.70/1.22	Shallow	FD-12A	0.90/0.41
3/4	Deep	FD-22	2.70/1.22	Stialiow	FD-22A	0.90/0.41
 1		FD-32	2.80/1.27	Deep	FD-32A	0.93/0.42
 1/2	Shallow	FSC-12	3.00/1.36	Shallow	FSC-12A	1.00/0.45
3/4	Strailow	FSC-22	3.00/1.36	Shanow	FSC-22A	1.00/0.45
1/2		FDC-12	2.90/1.32		FDC-12A	0.97/0.44
3/4	Deep	FDC-22	3.00/1.36	Deep	FDC-22A	1.06/0.48
1		FDC-32	3.10/1.41		FDC-32A	1.03/0.47
1/2 - 3/4	Shallow	FSD-212 *	2.70/1.22	Shallow	FSD-212A *	0.90/0.41

## **Dimensions in Inches/Millimeters**



FS & FD Two-Gang Devices

			D					
Hub Size	Α	В	C	FS	FD	E		
1/2	0.75/19.1	0.63/16.0	1.38/35.1	2.00/50.8	2.75/69.9	2.31/58.7		
3/4	0.75/19.1	0.75/19.1	1.38/35.1	2.00/50.8	2.75/69.9	2.31/58.7		
1	0.88/22.4	0.88/22.4	1.25/31.8	2.00/50.8	2.75/69.9	2.31/58.7		

<sup>\*</sup> Hubs at top of illustration are 1/2".

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