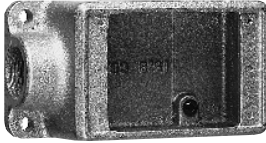
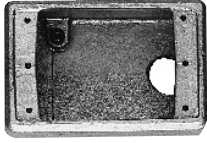
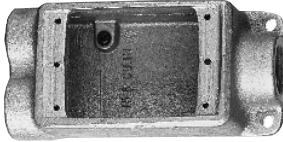

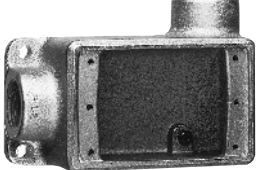
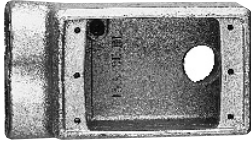
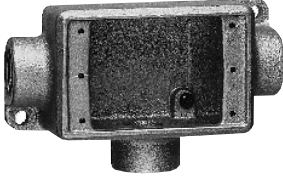
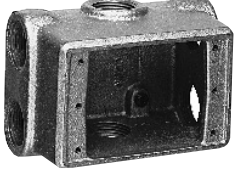
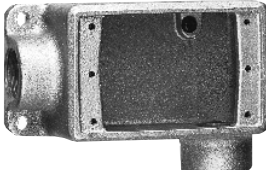
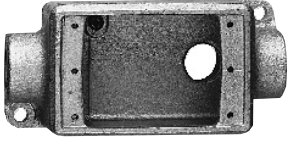
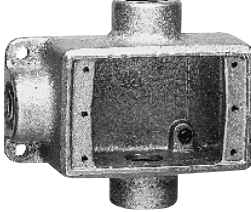


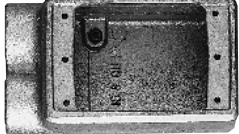
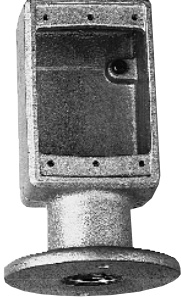
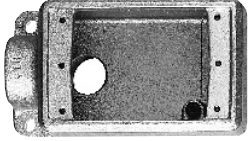


Description	Page No.
Application/Selection	22-24
Boxes	
Conduit Bodies	
FS/FD Series	
Accessories	35-44
Single gang	
Blank	31-34
Cast hubs	25-28
Multi-gang	
Blank	31-34
Cast hubs	29-30
Covers	
DS/S Series, WLRS, WLRD Wet Locations Covers	
For NEMA Configuration Receptacles	
Blank	38, 43, 44
Pilot light	42
Push button	41
Receptacle	35-39, 43
Switch	39-41, 43, 44
Plug Receptacles	
DS Series	37
DS/WP Series	37
FSE Series	45

Condulet® Cast Device Boxes with Hubs



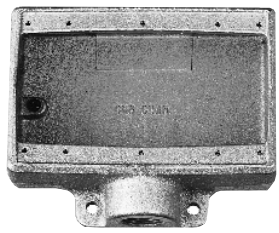
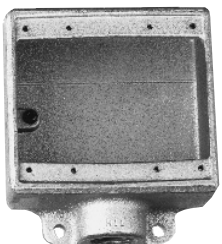
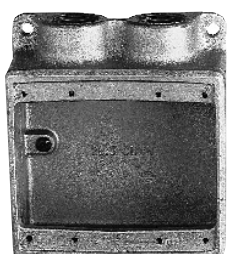
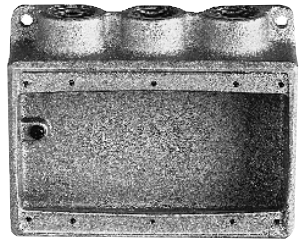
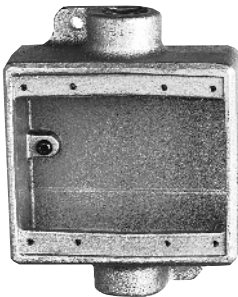
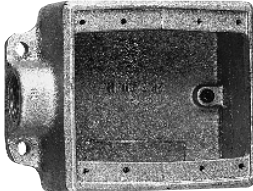
Single Gang Shape Selector Chart

SERIES	PAGE	SERIES	PAGE	SERIES	PAGE	SERIES	PAGE
							
FS/FD	25	FSA/FDA	26	FSCC/FDCC	26	FSX/FDX	27
FS (Double face)	28						
FS-SA	25						
							
FSR/FDR	25	FSSA	26	FSCT/FDCT	27	FDXC	27
							
FSL/FDL	25	FSCA	26	FST/FDT	27	FSCD	27
							
FSC	25	FSS	26	FSY (With flange)	27		
FDC	25	FDD	26				
FSC (Double face)	28						
FSC-SA	25						
		FSLA/FDLA	26				

NOTE: If the hub configurations required are not available, drilled and tapped openings can be provided in blank boxes per your specifications. See pages 31 to 34 for details.

Condulet® Cast Device Boxes with Hubs

Multi-Gang Shape Selector Chart

SERIES	PAGE	SERIES	PAGE	SERIES	PAGE
	29		30		30
FSC (Two gang tandem) FS (Two gang tandem)	29	FSD (Two gang)	30	FS/FD (Three gang)	30
	29		30		30
FS/FD (Two gang)	29	FSS/FDS (Two gang)	30	FSS (Three gang)	30
	29		29		
FSC/FDC (Two gang)	29	FSE (Two gang)	29		

3F Cast Device Boxes

NOTE: If the hub configurations required are not available, drilled and tapped openings can be provided in blank boxes per your specifications. See pages 31 to 34 for details.

3F Condulet® Cast Device Boxes and Covers

Application and Selection

Application:

Cast device boxes are installed in conduit and cable systems to:

- Accommodate wiring devices
- Act as pull boxes for conductors in a conduit system
- Provide openings to make splices and taps in conductors
- Provide access to conductors for maintenance and future system changes

Considerations for Selection of Device Box

Type of conduit system:

- Should be compatible with conduit or cable system
- Boxes are standard with mounting lugs and internal green ground screw.
- Boxes are available for rigid steel, IMC; rigid aluminum; flexible conduit and cable systems.

Number of devices to be used in the box:

- Standard flush devices require one gang each

Depth:

- Two box types are available – standard (FS) and deep (FD), single through five gang.
- Standard flush wiring devices will normally fit in the FS boxes.
- Some special purpose devices of higher ratings will require the deeper box (FD).
- In addition, the need for additional wiring space will require the deep box.

Hub configuration and size:

- The layout of the conduit system dictates the conduit opening locations of the box.

The table below indicates the types of conduit and the boxes available. Drilled and tapped openings can be supplied in blank boxes to meet your requirements.

- Hub size is the same as conduit size. A variety of hub sizes are available. Where the specific hub size is not available, reducing bushings can be used.

Materials and finishes:

- The environment and the use of the box will determine the material and finish needed.

Areas of the country with harsh weather and corrosive environments may require different materials and finishes for added protection.

- Standard material and finish is *Feraloy*® iron alloy with electrogalvanized and aluminum acrylic paint. Many items are also available in copper-free aluminum.

- Optional finishes can be obtained if environment warrants. See Options listings.

Considerations for Selection of Covers, Devices, and Accessories

Both general purpose and weatherproof, waterproof devices and covers are available. Selection will depend on individual conditions.

To provide for a wide variety of applications, the following covers and devices are available:

Covers	Pg.
General use snap switch	39-41, 43, 44
Pushbutton switch	41
Plug and receptacle	35-39, 43
Blank	38, 43, 44
Pilot light	42
Receptacle	35-39, 43

Devices	Pg.
Receptacle	37
Pilot lights	42
Wiring device	37

Accessories	Pg.
Gaskets	42
Box extensions	42
Flush mtg. adapter	42

Options:

- *Corro-free*™ epoxy powder coat – add suffix S752

Quick Selector Chart

Box	Depth	Gang	Conduit Type	Standard Material	Standard Finish
FS	1 ¹¹ / ₁₆	1-3	Threaded rigid	<i>Feraloy</i> iron alloy (some are copper-free aluminum)	<i>Feraloy</i> iron alloy – electrogalvanized and aluminum acrylic paint. Copper-free aluminum – natural
FD	2 ¹ / ₂	1-3	Threaded rigid	<i>Feraloy</i> iron alloy	<i>Feraloy</i> iron alloy – electrogalvanized and aluminum acrylic paint
FS blank bodies Drilled and tapped	1 ¹⁵ / ₁₆	1-4 1-3	Threaded rigid	<i>Feraloy</i> iron alloy	<i>Feraloy</i> iron alloy – electrogalvanized and aluminum acrylic paint
FD blank bodies Drilled & tapped	2 ¹ / ₂	1-5 1-3	Threaded rigid	<i>Feraloy</i> iron alloy	<i>Feraloy</i> iron alloy – electrogalvanized and aluminum acrylic paint

Condulet® Single Gang Cast Device Boxes

With and Without Mounting Lugs for Threaded Rigid and IMC Conduit

Application:

- Cast device boxes are installed to:
- accommodate wiring devices in a conduit system
 - act as pull boxes for conductors in a conduit system
 - provide openings to make splices and taps in conductors
 - provide access to conductors for maintenance and future system changes
 - connect conduit sections
 - FSY boxes for mounting surface devices on floor or bench (used with single gang covers)

Features:

- Internal green ground screw standard on boxes
- Suitable for use in wet locations when used with gasketed covers
- Mounting lugs standard on most boxes
- Tapered threaded hubs (NPT) with integral bushing
- Available for surface mounting (with mounting lugs) or flush mounting (without mounting lugs) as listed
- Available as shallow (FS) or deep (FD) configuration. Use FD if device to be enclosed exceeds 1 5/8" in depth
- Ample wiring room provided in either FS or FD configuration
- Wide selection of surface or flush covers available in three materials (sheet steel, *Feraloy*®, aluminum)
- Covers for flush mounting extend to conceal the rough plaster line
- Available in single gang and multi-gang configurations with hubs, and as blank bodies for drilled and tapped openings

Standard Materials:

- *Feraloy* iron alloy or copper-free aluminum.

Standard Finishes:

- *Feraloy* – electrogalvanized and aluminum acrylic paint
- Aluminum – natural

Options:

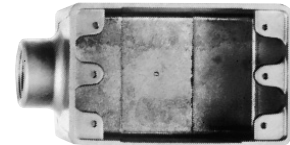
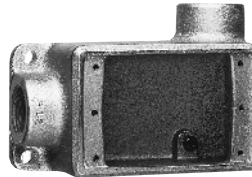
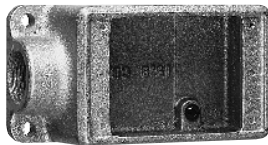
- Finishes:
Corro-free™ epoxy powder coat – add suffix S752

Size Ranges:

- Hubs – 1/2" to 1"

Certifications and Compliances:

- UL Standard: 514
- ANSI Standard: C33.84
- Fed. Spec.: W-C-5860
- CSA Standard: C22.2 No. 18



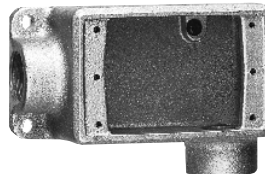
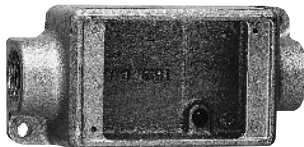
FS & FD

Size	Cat. #	Cat. #
1/2	FS1*	FD1**
3/4	FS2*	FD2**
1	FS3**	FD3**

Size	Cat. #	Cat. #
1/2	FSR1	FDR1
3/4	FSR2	FDR2**

Die Cast Aluminum†

Size	Cat. #	Cat. #
1/2	FS1-SA	FSC1-SA
3/4	FS2-SA	FSC2-SA



Size	Cat. #	Cat. #
1/2	FSC1*	FDC1**
3/4	FSC2*	FDC2**
1	FSC3**	FDC3**

Size	Cat. #	Cat. #
1/2	FSL1	FDL1
3/4	FSL2	FDL2**

† Mounting lugs and ground screw are not offered with standard die cast box – add suffix SCA to Cat. No. for sand cast aluminum box with mounting lugs and ground screw. (Example: FS1-SCA)

* Available in sandcast copper-free aluminum – add suffix SCA to Cat. No.

** Available in sandcast copper-free aluminum – add suffix SA to Cat. No.

3F Condulet® Single Gang Cast Device Boxes

With and Without Mounting Lugs

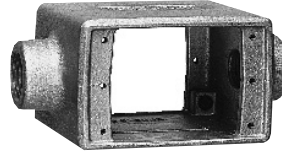
Accessories Pages 35 to 44

Cast Device Boxes
3F



FS Double Face

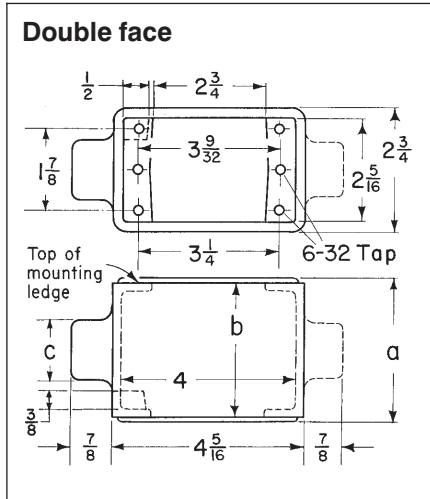
Size	Cat. # †
1/2	FS152
3/4	FS252



Double Face

Size	Cat. # †
1/2	FSC152
3/4	FSC252

Dimensions



Series	Hub Size	a	b	c
FS	1/2	3 ⁹ / ₁₆	3 ¹ / ₈	1 ¹ / ₄
	3/4	3 ¹¹ / ₁₆	3 ¹ / ₂	1 ¹ / ₂

† Mounting lugs not available.

Condulet® Multi-Gang Cast Device Boxes

With and Without Mounting Lugs for Threaded Rigid and IMC Conduit

3F Cast Device Boxes



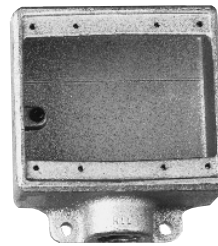
FS†
Two Gang Tandem

Size	Cat. #
1/2	FS17
3/4	FS27



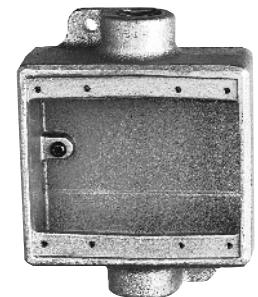
FSC†
Two Gang Tandem

Size	Cat. #
1/2	FSC17
3/4	FSC27



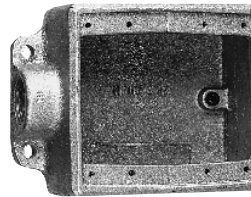
FS & FD
Two Gang

Size	Cat. #	Cat. #
1/2	FS12*	FD12
3/4	FS22*	FD22*
1	FS32	FD32



FSC & FDC
Two Gang

Size	Cat. #	Cat. #
1/2	FSC12	FDC12
3/4	FSC222	FDC222*
1	FSC32	FDC32



FSE
Two Gang

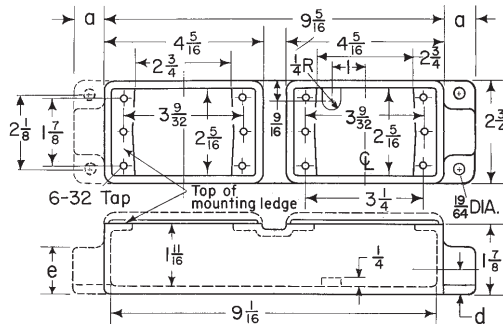
Size	Cat. #
3/4	FSE22

* Available in copper-free aluminum; add suffix "SA".

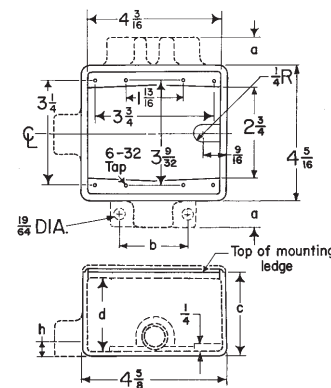
† Use single gang covers only.

Dimensions

Two gang tandem



Two gang



Two gang tandem

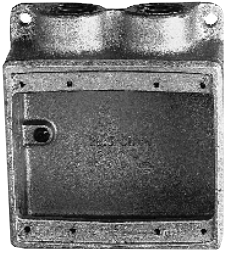
Series	Hub Size	a	d	e
FS	1/2	7/8	5/8	1 1/4
	3/4	7/8	3/4	1 1/2

Two gang

Series	Hub Size	a	b	c	d	h
FS	1/2	7/8	2 1/4	1 7/8	1 11/16	5/8
	3/4	7/8	2 1/4	1 7/8	1 11/16	3/4
	1	1	2 1/2	1 7/8	1 11/16	7/8
FD	1/2	7/8	2 1/4	2 11/16	2 1/2	5/8
	3/4	7/8	2 1/4	2 11/16	2 1/2	3/4
	1	1	2 1/2	2 11/16	2 1/2	7/8

With and Without Mounting Lugs for Threaded Rigid and IMC Conduit

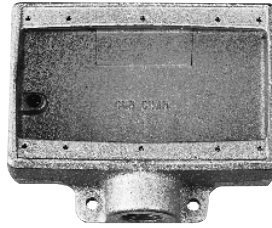
Cast Device Boxes
3F



FSS & FDS

Two Gang

Size	Cat. #	Cat. #
3/4	FSS222	FDS222



FS & FD

Three Gang

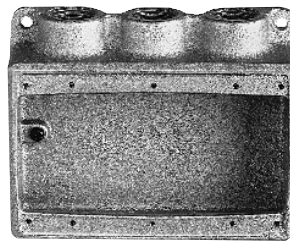
Size	Cat. #	Cat. #
3/4	FS23	FD23
1	FS33	



FSD

Two Gang

Size	Cat. #
3/4	FSD212*



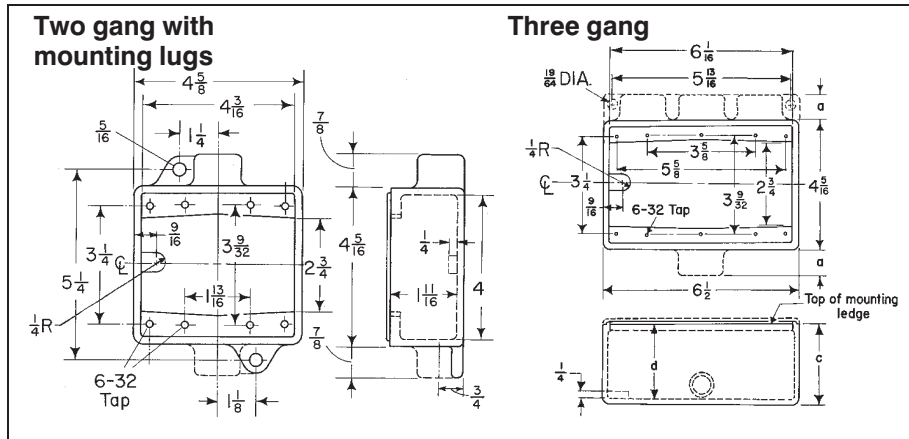
FSS

Three Gang

Size	Cat. #
3/4	FSS23

* Hubs on 2 hub side are 1/2".

Dimensions



Three gang

Series	Hub Size	a	c	d
FS	3/4	7/8	17/8	11 1/16
	1	1	17/8	11 1/16
FD	3/4	7/8	21 1/16	2 1/2

Blank Bodies With Mounting Lugs for Drilling and Tapping Single Gang, Multi-Gang, Tandem

Application:

- Blank cast device boxes are used:
 - where several wiring devices are to be grouped together
 - to assemble special combinations of wiring devices
 - where special arrangements of conduit hubs or entrances are required

Features:

- Available in shallow (FS) or deep (FD) configurations.
- FS/FD bodies have thick walls for drilling and tapping conduit entrances.
- Internal green ground screw standard on boxes.
- Available in single, two, three, four and five gang and two gang tandem bodies.
- Cast mounting lugs at diagonally opposite corners.
- Wide selection of standard surface or flush covers listed on pages 35 to 44.

Standard Materials:

- *Feraloy* iron alloy

Standard Finishes:

- *Feraloy* – electrogalvanized and aluminum acrylic paint

Certifications and Compliances:

- UL Standard: 514A
- CSA Standard: C22.2 No. 18



**FS019
FD019
single
gang**



**FS029
FD029
two gang**



FS039, FD039 three gang



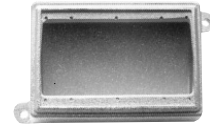
FD04 four gang



FD05 five gang



**FS062
FD062
two gang**



**FS063
FD063
three gang**



**FS094
FD094
four
gang**



**FS097
FD097
Two gang
tandem**

Ordering Information

Description	Shallow Deep	
	Cat. #	Cat. #
Single gang	FS019	FD019*
Two gang	FS029	FD029*
Three gang	FS039	FD039*
Four gang		FD04
Five gang		FD05
Two gang (takes one two gang cover)	FS062	FD062
Three gang (takes one three gang cover)	FS063	FD063
Four gang (takes one four gang cover)	FS094	FD094
Two gang tandem	FS097	FD097

* Available in copper-free aluminum. To order add suffix SA to Cat. No.

3F Cast Device Boxes

Ordering Information:

To order one of the blank bodies with drilled and tapped holes listed on page 31, proceed as follows:

Step 1

Select the required box.

Step 2

Select the arrangement that meets the requirements from Table 1.

Step 3

Determine the maximum size and spacing of conduit openings from Table 2.

Step 4

Substitute the appropriate symbol from Table 4 for each conduit entrance, using "0" (zero) for those locations where an entrance is not required.

Example:

Step 1 – box required FS062

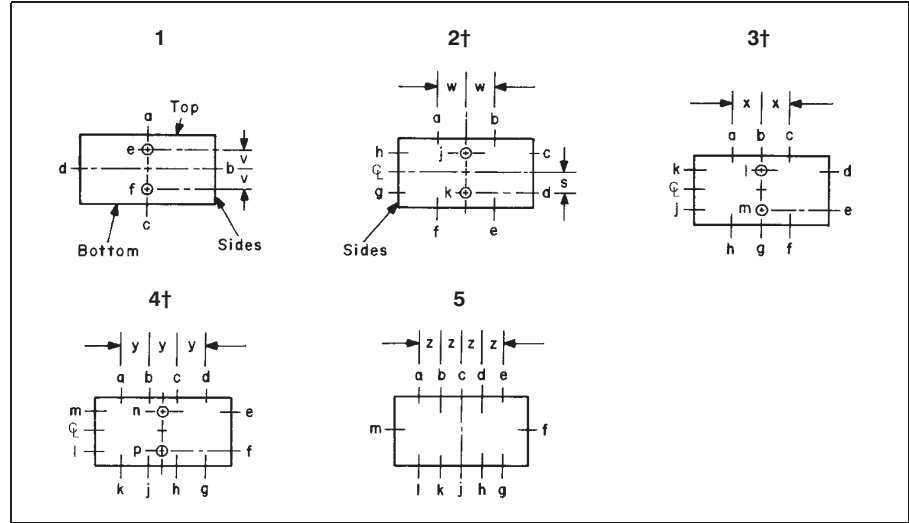
Step 2 – arrangement 1

Step 3 – conduit entrances – 1/2" at "a", none at "b"; 1" at "c" and "d"; none at "e" and "f".

Step 4 – symbols are substituted and written in **alphabetical order starting with location "a"**. For this example **A0CC00**.

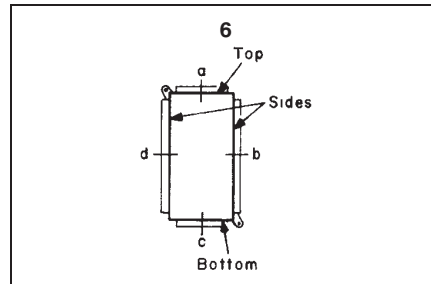
Complete Cat. No. is made up of three parts: Part 1 – box number; Part 2 – arrangement number; Part 3 – symbols for conduit entrances. For this example: **FS062-1-A0CC00**.

Table 1/Drilling and Tapping Arrangements*
Two, Three, Four and Five Gang

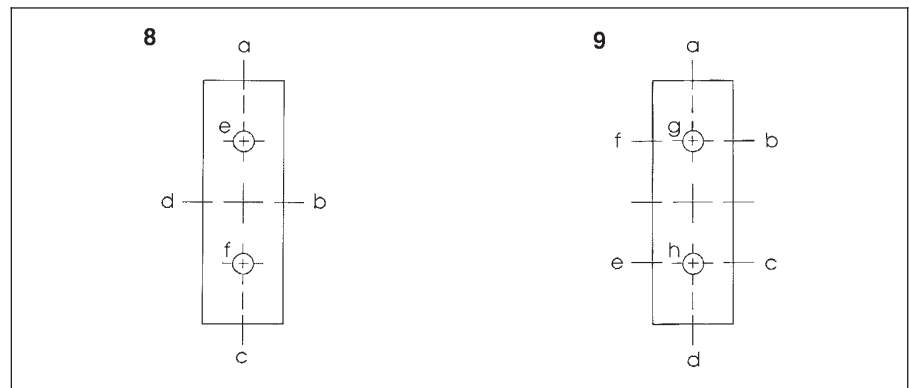


† If only one conduit entry is specified or permitted (see Table 2) on a side wall that conduit entry will be centered on the wall.

Single Gang Only (FS or FD019)



Two Gang Tandem (FS or FD097)



* Drilling and tapping arrangements other than those in Table 1 are available. Consult Cooper Crouse-Hinds.

Blank Bodies for Drilling and Tapping Ordering Information

Table 2/Maximum Number, Size and Spacing of Conduit Openings

Cat. #	Maximum Conduit Opening Size													
	Top and Bottom					Sides		Back	Spacings					
	1	2	3	4	5	1	2	2	s	v	w	x	y	z
FS019	1					1								
FD019	1½					1½								
FS029	1	1	1	¾		1					1⅞	1⅞	1⅝	
FD029	1½	1½	1	¾		1½					1⅞	1⅞	1⅝	
FS039	1	1	1	1	1	1					3¾	3¾	2½	1⅞
FD039	1½	1½	1½	1½	1	1½					3¾	3¾	2½	1⅞
FD04	1½	1½	1½	1½		1½	1	1		1⅜	1⅞	3¾	3¾	
FD05	1½	1½	1½	1½	1½	1½	1	1		1⅜	3¾	3¾	3¾	3¾
FS062	1	1	¾			1	1	1		1¼	29/32	1⅝		
FD062	1½	1¼	¾			1½	1	1¼	1	1	1	1⅜		
FS063	1	1	1	¾		1	1	1		1¼	1⅜	1⅜	1⅝	
FD063	1½	1¼	1	¾		1½	1	1¼	1	1	1⅜	2	1⅞	
FS094	1	1	1	1	¾	1	1	1		1¼	1⅜	1⅜	1⅜	1⅝
FD094	1½	1½	1½	1	¾	1½	1	1		1⅞	1½	2⅝	1⅜	1⅝
FS097	1	½				1	1	1½		1⅝	¾			
FD097	1½	1½				1½	1½	1½		1⅝	¾			

3F Cast Device Boxes

Table 3/Distance From Mounting Surface to Centerline of Conduit Opening ("u")

Cat. #	u
FS019	29/32
FD019	1⅜
FS029	29/32
FD029	1⅜
FS039	31/32
FD039	1⅜
FD04	1⅞
FD05	1⅞
FS062	1⅝
FD062	1⅝
FS063	1⅝
FD063	1⅝
FS094	1⅝
FD094	1⅞
FS097	1⅝
FD097	1⅞

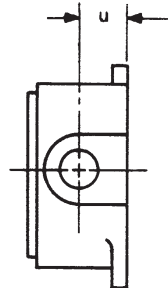


Table 4/Symbols for Openings

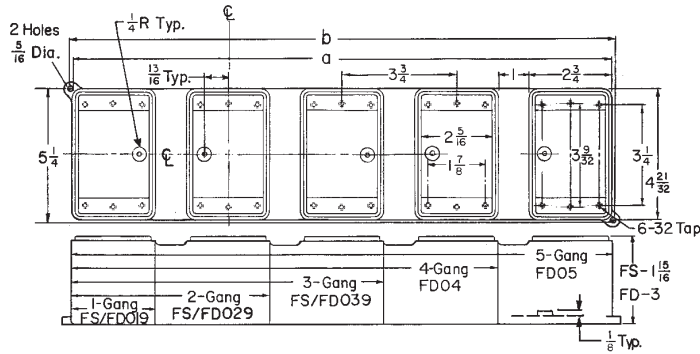
Conduit Size	Symbol
½	A
¾	B
1	C
1¼	E
1½	F
None	0

Condulet® Cast Device Boxes

Blank Bodies for Drilling and Tapping

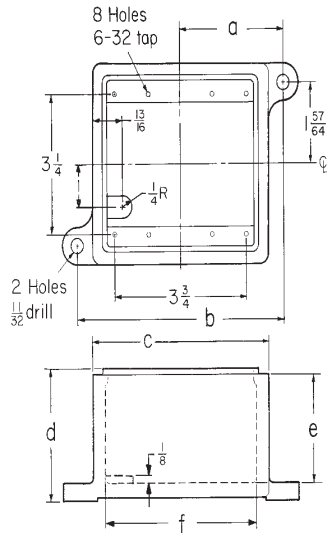
Single-Gang, Multi-Gang, Tandem

Dimensions

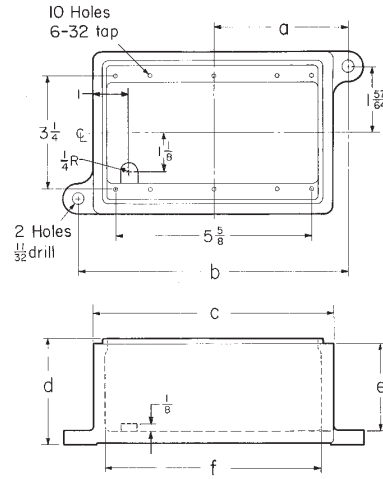


	a	b
FS/FD019	3 $\frac{1}{4}$	3 $\frac{1}{4}$
FS/FD029	7	7
FS/FD039	10 $\frac{3}{4}$	10 $\frac{3}{4}$
FD04	14 $\frac{3}{8}$	15
FD05	18 $\frac{1}{8}$	18 $\frac{3}{4}$

FS/FD062



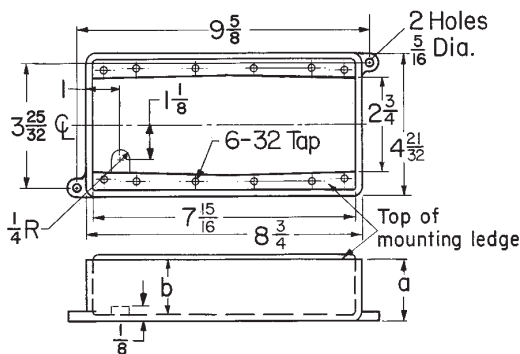
FS/FD063



	a	b	c	d	e	f
FS062	2 $\frac{7}{8}$	5 $\frac{3}{4}$	5	2 $\frac{3}{16}$	1 $\frac{1}{2}$	4 $\frac{3}{8}$
FD062	2 $\frac{15}{16}$	5 $\frac{7}{8}$	5 $\frac{1}{16}$	3 $\frac{1}{16}$	2 $\frac{1}{2}$	4 $\frac{5}{16}$

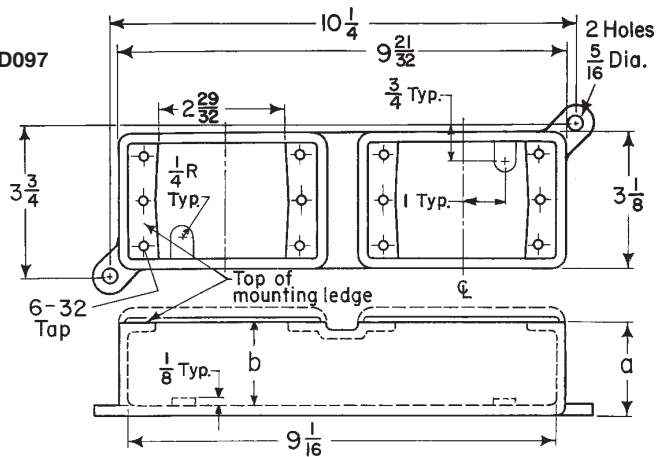
	a	b	c	d	e	f
FS063	3 $\frac{13}{16}$	7 $\frac{5}{8}$	6 $\frac{7}{8}$	2 $\frac{3}{16}$	1 $\frac{1}{2}$	6 $\frac{1}{4}$
FD063	3 $\frac{3}{8}$	7 $\frac{1}{4}$	7 $\frac{1}{16}$	3 $\frac{1}{32}$	2 $\frac{1}{2}$	6 $\frac{3}{16}$

FS/FD094



	a	b
FS094	2 $\frac{3}{16}$	1 $\frac{45}{64}$
FD094	3	2 $\frac{1}{2}$

FS/FD097



	a	b
FS097	2 $\frac{1}{32}$	1 $\frac{1}{2}$
FD097	2 $\frac{27}{32}$	2 $\frac{9}{16}$

WLRS and WLRD Wet Location Covers

For NEMA Configuration Receptacle Interiors
For FS and FD Cast Device Boxes
Flush Device Boxes

Application:

WLRS and WLRD series wiring device covers are designed to meet the total NECCode requirements for wet locations – Article 410-57:

“A receptacle installed in a wet location where the product intended to be plugged into it is not attended while in use shall have an enclosure that is weatherproof with the attachment plug cap inserted or removed.”

WLRS and WLRD series covers are suitable for use in wet and damp locations:

- wherever portable equipment is required
- as general purpose utility receptacle covers
- for industrial, commercial or residential use
- in areas where electrical requirements do not exceed medium duty ratings
- to mount FS and FD single-gang or multi-gang boxes having individual cover openings (see Sect. 3F for listings)
- to mount on most flush device boxes (see Accessories)

Features:

WLRS and WLRD covers:

- self closing spring door assures protection of wiring device at all times, in wet and damp locations
 - one piece EPDM gasket provides environmental protection of wiring device at all times
 - EPDM gasketing material offers excellent resistance to ozone, weather and temperature extremes of -50°F to 260°F
 - die cast, copper-free aluminum construction with aluminum lacquer finish provides maximum corrosion resistance
 - positive ground path ensured for all exposed metal parts
- ### NEMA configuration receptacle interiors:
- comply with NEMA Standards WD-1 and WD-5
 - grounded through an extra contact in all types except 3-phase applications; self grounded in duplex variety
 - back and side wired
 - offered in single and duplex configurations for use with standard plugs
 - specification grade

Standard Materials:

- WLRS and WLRD face plate and cover – die cast copper-free aluminum
- Cover hinge spring – stainless steel
- Cover screws – corrosion resistant metal
- Gasket – ethylene propylene rubber (EPDM)

Standard Finishes:

- Copper-free aluminum – aluminum lacquer

Electrical Rating Ranges:

- 15 amperes; 125, 250, or 277 volts
- 20 and 30 amperes; 125, 250, 277, 480, 600, 125/250, 208/120, 480/277 or 600/347 volts

Accessories:

Flush mounting adapter – **WLRA-1** required for mounting on device boxes. (Order separately)

Certifications and Compliances:

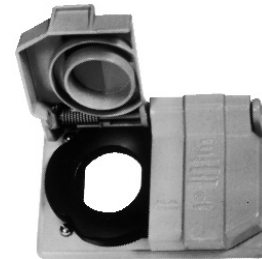
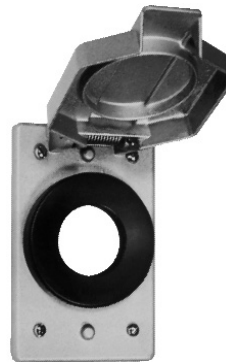
- ANSI/UL Standard 514A
- NECCode 410-57
- OSHA Standards, Subpart “S”
- NEMA Standards WD-1, 1974 (Straight Blade) and WD-5, 1972 (Locking Type)



Typical installation

3F Cast Device Boxes

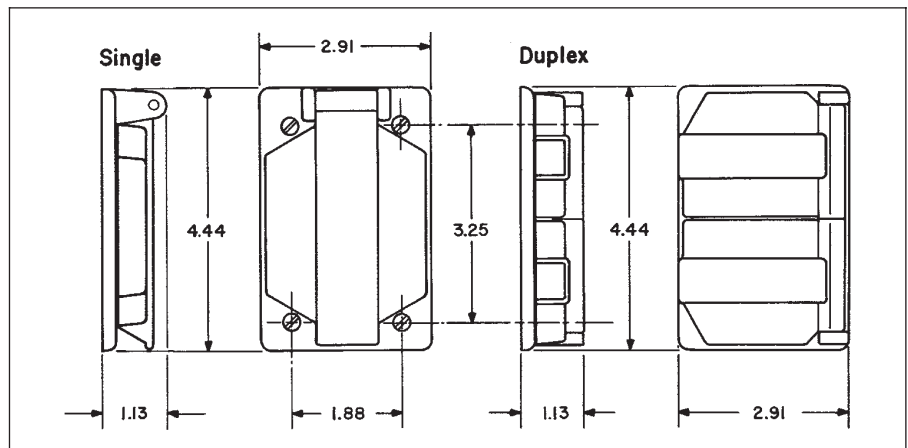
Spring Door Covers – with Gasket*



Description	Diameter	Description	Diameter
Single cover	1 3/8"	Duplex cover	1 3/8"
WLRS-1		WLRD-1†	
WLRS-2	1 1/2"		

* Patent Number 4,058,358

Dimensions



† Horizontal mount only.

For FS and FD Cast Device Boxes

Application:

WP plugs and DS receptacles are used:

- wherever dust, dirt, moisture and corrosion are a problem
- outdoors or in locations where frequent washdowns occur, as in dairies and food processing plants

Features:

DS receptacle housings are used:

- with FS and FD cast device boxes, either surface mounted or installed flush in a wall
- with single gang, two gang tandem and multiple gang boxes having individual cover openings
- a threaded cap which effectively seals housing when not in use

WP plugs include:

- a molded Neoprene hood with integral sleeve to seal the cord entrance
- an aluminum ring which clamps the hood to receptacle housing face, to complete watertight seal when plug is in use

Standard Materials:

- Receptacle housings: body – *Feraloy*[®] iron alloy cap – copper-free aluminum
- Plug exteriors: hood – Neoprene; fastening ring – copper-free aluminum

Standard Finishes:

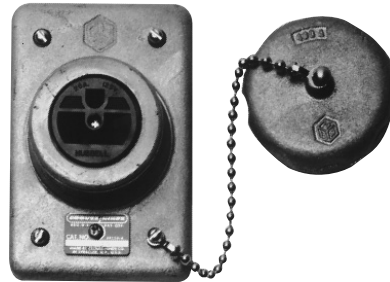
- *Feraloy* iron alloy – electrogalvanized and aluminum acrylic paint
- Copper-free aluminum – natural
- Neoprene – natural (black or yellow)

Electrical Rating Ranges:

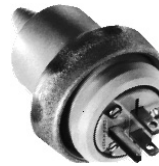
- 15 amperes, 125 volts
- 20 amperes, 125, 250 volts

Certifications and Compliances:

- UL Standards: 498; 514A
- NEMA/EEMAC: WD-1; WD-5
- CSA Standard: C22.2 No. 42*



DS Receptacle housings



WP Plugs



CC Replacement receptacle

Grounding Type Receptacles For Plugs with U shaped or Round Grounding Contacts

Rating	Cover With Recept. Cat. #	Diagram	Style	Plug Cat. #	Diagram	Cord Dia.	Repl. Recept. Cat. #
15 amps 125 volts	DS96*		2-wire, 3-pole†	WP820		.500 to .625	CC55
		NEMA: 5-15R			NEMA: 5-15P		
20 amps, 125 volts	DS222		2-wire, 3-pole†	WP832		.500 to .625	CC71
		NEMA: 5-20R			NEMA: 5-20P		
20 amps, 250 volts	DS290		2-wire, 3-pole†	WP930		.500 to .625	CC90
		NEMA: 6-20R			NEMA: 6-20P		

NOTE: For listing of typical FS cast devices boxes, see pages 22 and 23

† Third pole grounded.

* Compliance.

For FS and FD Condulet® Cast Device Boxes
Single Gang



Blank cover for enclosing splices and taps where device not used

Description	Material	Cat. #
Surface	Sheet aluminum	DS100
Flush	Sheet steel	DSS100

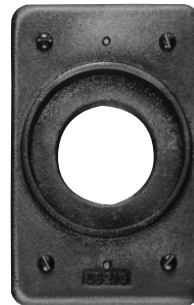


Blank cover with gasket for enclosing splices and taps where device not used

Description	Material	Cat. #
Surface or flush	Cast aluminum	DS100G



DS21



DS21G

For standard and 3-pole, 2-wire grounding type round flush receptacles. Opening diameter 1 7/16".

Description	Material	Cat. #
Surface	Sheet steel	DS21
Surface	Sheet aluminum	DS21-SA
Surface or flush	Feraloy® iron alloy with gasket	DS21G



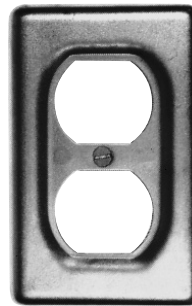
For GFI receptacles.

Description	Material	Cat. #
Surface	Sheet steel	DS23-GFI



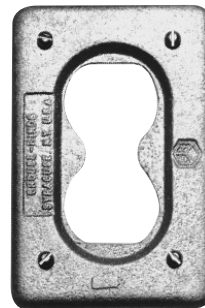
For flush plug receptacle requiring 1 5/8" opening diameter.

Description	Material	Cat. #
Surface	Sheet steel	DS35



For duplex convenience receptacles.

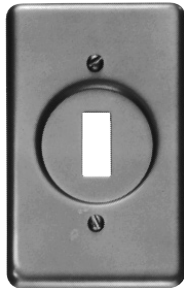
Description	Material	Cat. #
Surface	Sheet steel	DS23
Surface	Sheet aluminum	DS23-SA
Flush	Sheet steel	DSS23



For standard and 3-pole, 2-wire grounding type duplex convenience receptacles. Gasket included.

Description	Material	Cat. #
Surface or flush	Feraloy® iron alloy	DS23G

For FS and FD Condulet® Cast Device Boxes Single Gang



For square handle general use snap or toggle switches – unguarded.

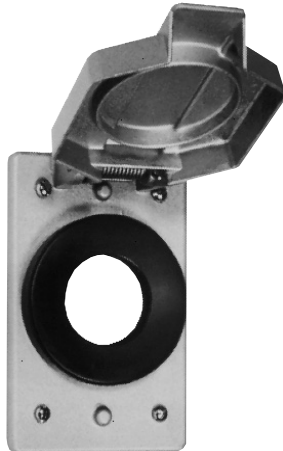
Description	Material	Cat. #
Surface	Sheet steel	DS32
Surface	Sheet aluminum	DS32-SA



For square handle general use snap or toggle switches – guarded.

Description	Material	Cat. #
Surface or flush	Feraloy® iron alloy with gasket	DS32G
Surface	Sheet steel	DS52

WLRS and WLRD Wet Locations Covers† For NEMA Configuration Receptacles*



For single convenience receptacles
Spring door with gasket
WLRS-1 cover takes 15 and 20 ampere non-locking type and 15 ampere locking type receptacles*

WLRS-2 cover takes 20 ampere locking type receptacles*

Description	Material	Cat. #
Surface	Die cast aluminum	WLRS-1 WLRS-2

Use WLRA-1 adapter for mounting on flush device boxes

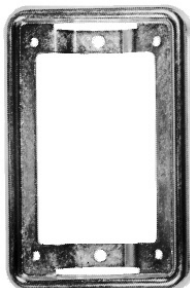


For duplex convenience receptacles*
Spring doors with gasket
WLRD-1 cover takes 15 and 20 ampere non-locking type and 15 ampere locking type receptacles*

Description	Material	Cat. #
Surface	Die cast aluminum	WLRD-1

Use WLRA-1 adapter for mounting on flush device boxes.

Flush Device Adapter



Adapter plate for mounting WLRS/WLRD covers to flush device boxes.

Cat. #
WLRA-1

Also can be used to mount all covers with four corner screws listed on pages 35 to 42 to flush device boxes.

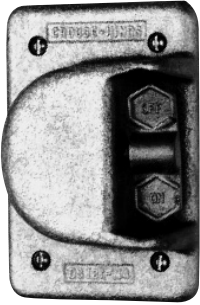
† Must be used with a wet locations rated wiring device.

* Refer to pages 37 and 38 for receptacle specifications and listings of complete receptacle/cover combinations.

3F Raintight Covers (Gasket Included)

For FS and FD Condulet® Cast Device Boxes Single Gang

Cast Device
Boxes
3F



For general use snap switches. Includes gasket.

Description	Material	Cat. #
For standard ON-OFF operation	Copper-free aluminum	DS181



For general use snap switches. Includes gasket.

Description	Material	Cat. #
For standard ON-OFF operation. With hole for lock	Die cast aluminum	DS185



For general use snap switches. Includes gasket.

Description	Material	Cat. #
For standard operation. Marked ON-OFF handle	Cast aluminum	DS128

Switches and Motor Control Push Button Covers

Raintight

3F

For FS and FD Condulet® Cast Device Boxes
Single Gang



For manual motor starting switches. Fits FS and FD boxes. Takes Westinghouse switches MST01 (1-pole) and MST02 (2-pole). Includes gasket.

Description	Material	Cat. #
For standard ON-OFF operation	Feraloy iron alloy	DS199



Furnished with buttons for operating motor control push button switches. Includes gasket.

Description	Push Buttons			
	No.	Color	Material	Cat. #
Button (normally open) marked START	1	Green	Feraloy iron alloy	DS171F
Button (normally closed) marked STOP	1	Red	Feraloy iron alloy	DS171G
Button (normally open) marked START	1	Green	Feraloy iron alloy	DS171
Button (normally closed) marked STOP	1	Red		

Description	No.	Color	Material	Cat. #
Two push button	2	Black	Feraloy iron alloy	DS171J

NOTE: Markings other than shown can be supplied. Standard markings available are as follows:

HAND	CLOSE	OFF	AUTO.	UP	RUN
EMER.	DOWN	JOG	FORWARD	START	RESET
REVERSE	STOP	TRIP	OPEN	ON	TEST
LGT. ON					



Heavy duty motor control push button switch

No. of Buttons	Normal Positions		Cat. #
1	1 circuit universal		ED11
2	2 circuits universal		ED12

DS Covers use the switches shown in the list below.

Cover	Takes Switch	Cover	Takes Switch
DS171	ED12	DS171F	ED11
DS171G	ED11	DS266	ED12
DS265	ED11		

3F Cast Device Boxes

3F Covers, Gaskets, Pilot Lights, Adapters

For FS and FD Condulet® Cast Device Boxes
Single Gang

Cast Device Boxes
3F



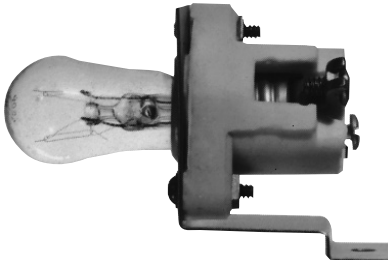
For pilot light units (furnished with jewels)

Description	Material	Jewel Color	Cat. #
Surface	Sheet steel	Red	DS24



For pilot light units (furnished with jewel and gasket).

Description	Material	Jewel Color	Cat. #
Surface or flush	Feraloy iron alloy	Red	DS24G



Pilot light unit (without transformer)

Circuit Voltage	Lamp Base	Watts	Cat. #
110	Candelabra	6	C3310



Pilot light (with transformer) †, FD only

Circuit Voltage	Lamp Base	Watts	Cat. #
440	Candelabra	6	C333



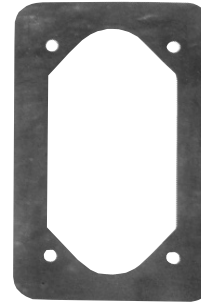
EXF Extensions (takes covers and flush rectangular wiring devices, or plug receptacles with housings)

Ext. Depth	Cat. #
1	EXF11
2½	EXF21



FS Flush mounting adapter (can be used with multi-gang bodies having individual cover openings. Furnished with gasket and screws)

Mtg. Style	Cat. #
Wall	FS031



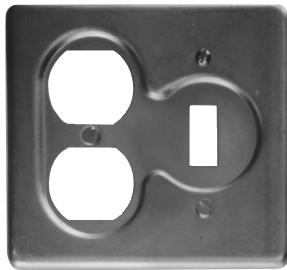
Gaskets for use between device boxes and covers.

Material	Cat. #
Neoprene	GASK91 ‡

† Transformer 50-60 cycle, 440/110 volts.
‡ Not recommended as watertight.

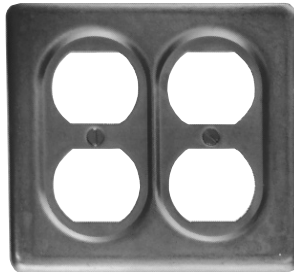
Covers

For FS and FD Condulet® Cast Device Boxes Two Gang



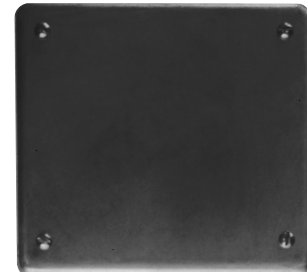
For flush general use snap switches with square handles

Description	Material	Cat. #
For standard duplex flush receptacles. Surface	Sheet steel	S32232



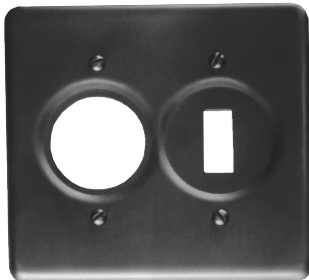
For duplex convenience receptacles, standard and 2-wire, 3-pole grounding

Description	Material	Cat. #
Surface	Sheet steel	S232



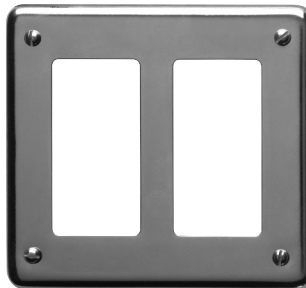
Blank. *Feraloy*® iron alloy

Description	Material	Cat. #
Surface	Sheet steel	S1002
Surface or flush	<i>Feraloy</i> iron alloy	S1002G*
Surface or flush	Copper-free aluminum	S1002G-SA



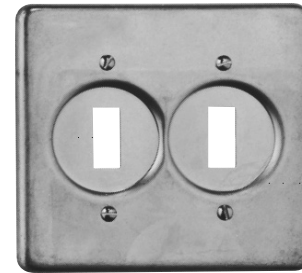
For flush general use snap switches with square handles

Description	Material	Cat. #
For round plug flush receptacles. Surface	Sheet steel	S32212



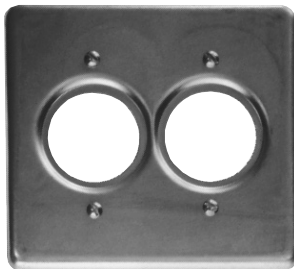
For GFI receptacles

Description	Material	Cat. #
Surface	Sheet steel	S232-GFI



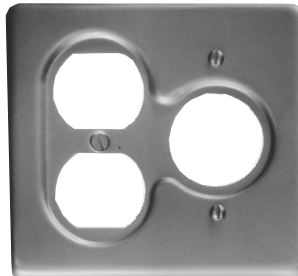
For flush general use snap switches with square handles

Description	Material	Cat. #
Surface	Sheet steel	S322



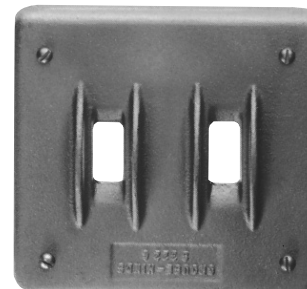
For standard and 2-wire, 3-pole grounding †

Description	Material	Cat. #
For round flush receptacles. Surface	Sheet steel	S212



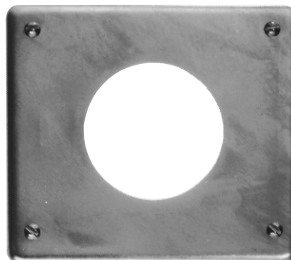
For round flush receptacles, duplex convenience receptacles, standard and 2-wire, 3-pole grounding

Description	Material	Cat. #
Surface	Sheet steel	S21232



For flush general use snap switches with square handles

Description	Material	Cat. #
Surface or flush	<i>Feraloy</i> iron alloy	S322G



For 20 amp., 250 volt receptacles

Description	Material	Cat. #
2-pole, ‡ Surface	Sheet steel	S612

* Includes gasket.
 * Hole diameter 1.688".
 † Hole diameter 1.406".
 ‡ Hole diameter 2 5/32".

3F

Covers, Gaskets, Wiring Devices

For FS and FD Condulet® Cast Device Boxes
Two, Three, and Four Gang

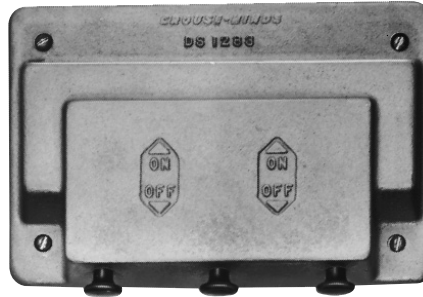
Cast Device
Boxes

3F

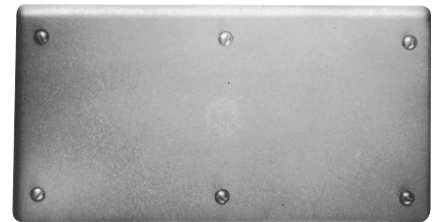


With operating mechanism and gasket

Description	Material	Cat. #
Two gang. For operation of general use snap switches. Surface or flush	Feraloy® iron alloy	DS1282*

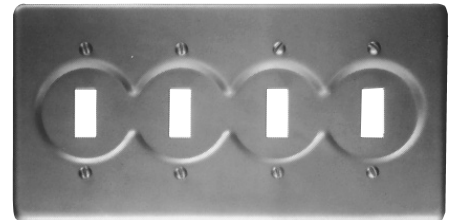


Description	Material	Cat. #
Three gang with gasket. For external operation of general use snap switches. Surface or flush. Includes gasket.	Feraloy iron alloy	DS1283*



Blank. With gasket

Description	Material	Cat. #
Surface or flush	Feraloy iron alloy	S1004G



For flush general use snap switches with square handles

Description	Material	Cat. #
Surface, four gang†	Sheet steel	S324



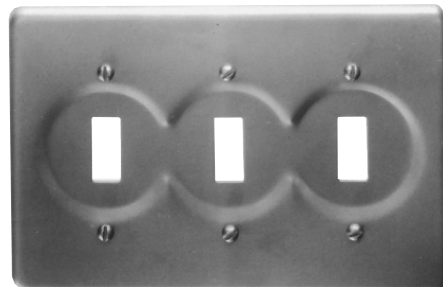
Blank.

Description	Material	Cat. #
Surface	Sheet steel	S1003
Surface or flush	Feraloy iron alloy	S1003G*
Surface or flush	Copper-free aluminum	S1003G-SA



Gasket for use between device box and cover

Description	Material	Cat. #
Two gang	Rubber	GASK434
Three gang	Rubber	GASK460
Four gang	Rubber	GASK461



For flush general use snap switches with square handles

Description	Material	Cat. #
Surface, three gang	Sheet steel	S323

† For FS094 and FD094 boxes.

* Includes gasket.

Application:

FSE series assemblies are used in outdoor areas for supplying power in remote locations, particularly parking lots, automobile engine block heaters, marinas, drive-in theatres, trailer camps etc.

Features:

- Compact design.
- Suitable for a variety of combinations.
- U ground duplex receptacle.
- Circuit breaker protection.
- Breakers cannot be manually tripped.

Size:

- 2" integral hub for pole mounting.

Standard Materials:

- Body and cover – copper-free aluminum

Standard Finishes:

- Copper-free aluminum – natural

Electrical Ratings:

- 15A 120V

Certifications and Compliances:

- CSA Standard C22.2 No. 18



FSE 6121



FSE 612

Cat.

- FSE 612
- FSE 6121
- FSE 6122
- FSE 61212
- FSE 61211

Description

- Double face receptacle body only
- Fitting complete with 1-15 amp. duplex receptacle and blank cover.
- Fitting complete with 2-15 amp. duplex receptacles.
- Fitting complete with 1-15 amp. duplex receptacle and two 1- pole Mini-breakers
- Fitting complete with 1-15 amp. duplex receptacle and one 1- pole Mini-breaker.
- Other combinations available on request.