

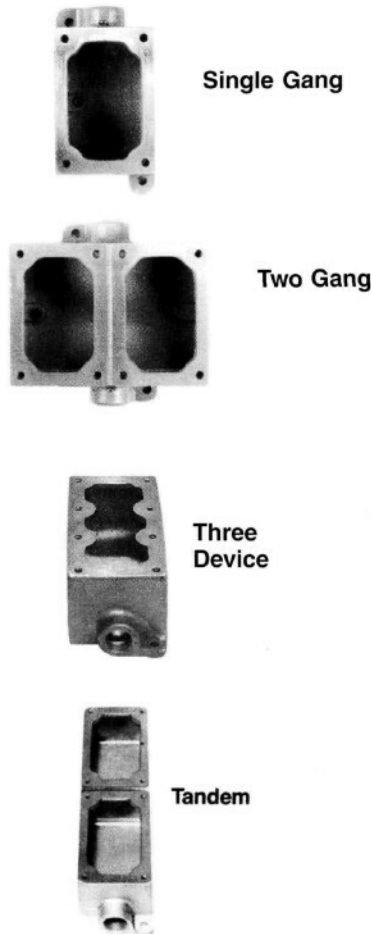
**Class I, Div. 1 and 2
Groups C,D
Class II, Div. 1 and 2
Groups E,F,G
Class III**

Mounting Bodies for Contender® Series Control Stations

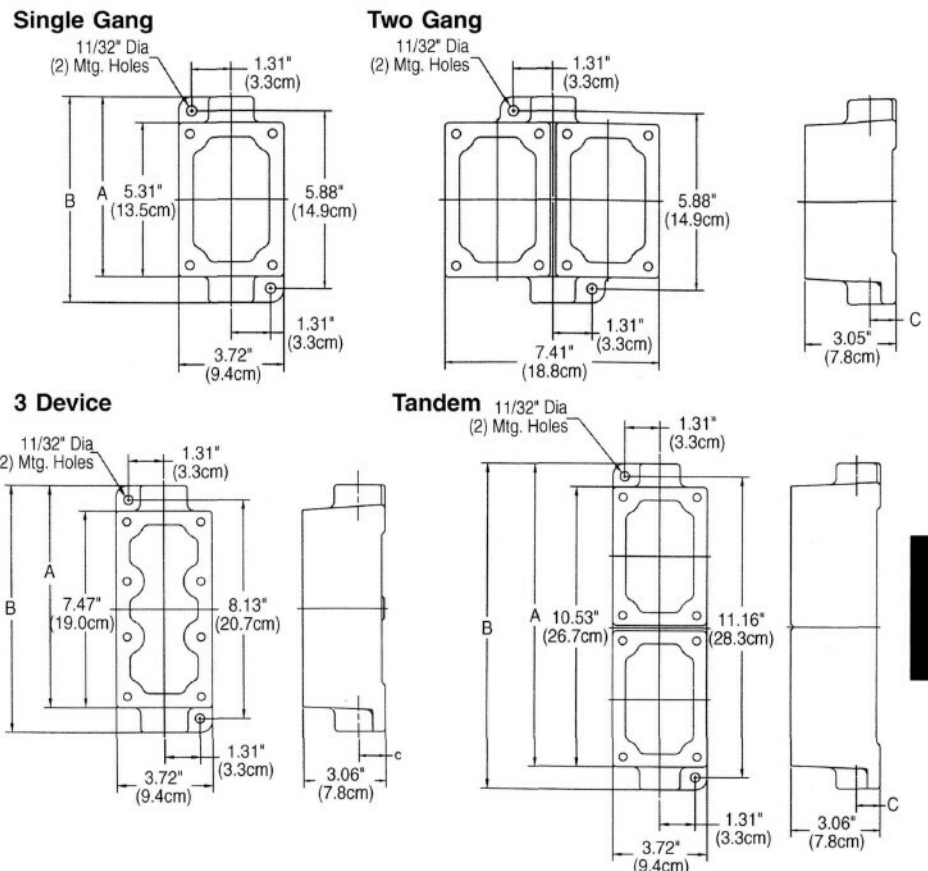
UNILETS® For use with threaded metal conduit.
Furnished with Internal Ground Screw

Hub Size, Inches	Dead-End Catalog Number		Feed-Thru Catalog Number	
	Malleable Iron	Aluminum	Malleable Iron	Aluminum

Single Gang, Two Gang, 3 Device and Tandem Device Bodies



Single Gang		Two Gang		3 Device		Tandem†	
1/2	EDS171	EDS171-SA	EDSC171	EDSC171-SA			
3/4	EDS271	EDS271-SA	EDSC271	EDSC271-SA			
1	EDS371	EDS371-SA	EDSC371	EDSC371-SA			
Two Gang		Two Gang		3 Device		Tandem†	
1/2	EDS172	EDS172-SA	EDSC172	EDSC172-SA			
3/4	EDS272	EDS272-SA	EDSC272	EDSC272-SA			
1	EDS372	EDS372-SA	EDSC372	EDSC372-SA			
3 Device		3 Device		Tandem†		Tandem†	
1/2	EDS147	EDS147-SA	EDSC147	EDSC147-SA			
3/4	EDS247	EDS247-SA	EDSC247	EDSC247-SA			
1	EDS347	EDS347-SA	EDSC347	EDSC347-SA			
Tandem†		Tandem†		Tandem†		Tandem†	
1/2	EDS177	EDS177-SA	EDSC177	EDSC177-SA			
3/4	EDS277	EDS277-SA	EDSC277	EDSC277-SA			
1	EDS377	EDS377-SA	EDSC377	EDSC377-SA			



Unilet Type	Hub (in.)	Dimensions(in.)			Dimensions(cm.)		
		A	B	C	A	B	C
1 Gang	1/2	6.06	6.81	.75	15.40	17.30	1.90
	3/4	6.06	6.81	.88	15.40	17.30	2.23
	1	6.17	7.03	1.00	15.70	17.90	2.54
2 Gang	1/2	6.06	6.81	.88	15.40	17.30	2.23
	3/4	6.06	6.81	.88	15.40	17.30	2.23
	1	6.17	7.03	1.00	15.70	17.90	2.54
3 Device	1/2	8.34	9.19	1.00	21.20	23.30	2.54
	3/4	8.34	9.19	1.00	21.20	23.30	2.54
	1	8.34	9.19	1.00	21.20	23.30	2.54
Tandem	1/2	11.31	12.09	.88	28.70	30.70	2.23
	3/4	11.31	12.09	.88	28.70	30.70	2.23
	1	11.44	12.31	1.00	29.00	31.30	2.54

† For tandem bodies, external seals must be installed within 5 feet of each conduit entrance for Class I, Groups C and D.

Factory Sealed Control Stations and Pilot Lights: EFDB/efd and EDS Series Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.

Features: EDS Push Buttons

- Factory sealed—eliminates need for adding sealing fittings and compound at each conduit entrance.
- Heavy duty, 10 ampere 600V rated.
- Switch is enclosed in separate sealing chamber.
- Sealing chamber has smooth, double flanges that mate both to cover and mounting enclosure to provide flame-tight joints.
- Pigtail leads from push buttons are factory sealed in sealing well.
- Stainless steel hex-head screws attach sealing chamber to cover and mounting enclosure.
- Side rocker arm push button has lockout holes.
- EFD/EFDB back box supplied with internal ground screw.

Standard Materials

- *EFDB control stations*: malleable iron body with aluminum cover.
- *SPBB push button*: aluminum upper barrel and phenolic lower barrel with nylon plastic button (Dust Cap models have neoprene buttons).
- *SPLN/SPLS pilot light*: aluminum guard and body assembly; steel clamping ring; and tempered glass jewel.
- *SSBA selector switch*: aluminum operator mechanism, nylon cam, and sealed phenolic contact block.
- *EDS control stations*: malleable iron body and cover; aluminum sealing chamber; and nylon 6/6 operating handle.

Standard Finishes

- *EFD/EFDB control stations*: body, triple-coat—(1) zinc electroplate, (2) dichromate, and (3) epoxy powder coat.
- *SPBB push button, SPLN/SPLS pilot light and SSBA selector switch*: natural finish.
- *EDS control stations*: body and cover, triple-coat—(1) zinc electroplate, (2) dichromate, and (3) epoxy powder coat sealing chamber, natural finish.

Options

- Three position selector switches with modified operation. Momentary contact right position, spring return to center, maintained contact left position. For description and switch diagram see page M-15. Add suffix —**SRC**.

- Three position selector switches with modified operation. Momentary contact left position, spring return to center, maintained contact right position. Add suffix —**SLC**.
- Alternate contacts add suffix —**ALT**.
- EFD/EFDB selector switch Lockout—locks two- or three-position handle in any position. Suffix —**LD**.
- Push button front operated mushroom head (momentary contact): In red, add suffix —**NMRBRE**; In green, add suffix —**NMRBGR**; In black, add suffix —**NMRBBL**.
- EFD/EFDB pilot light jewel/guard assembly. Order by suffixes if color desired is other than red, as follows: Amber, —**JGBA**; Blue, —**JGBB**; Clear —**JGBC**; Green, —**JGBG**; Opal, —**JGBO**. For colored LED jewel/guard assembly, order by suffixes: red —**LEDR**; green —**LEDG**; amber —**LEDA**.
- EFD/EFDB pilot light transformers for single pilot light per gang. Order by suffix:

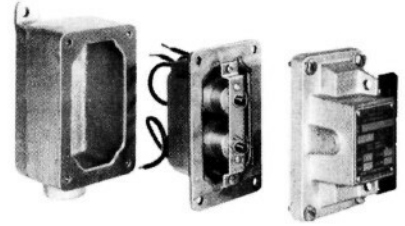
Primary Lamp

Voltage	Voltage	Suffix
220	120	—TR-2
277	120	—TR-3
440	120	—TR-4
550	120	—TR-5

- EFD and EDS units may be supplied with brazed hubs as 3, 4, and 5 gang in a variety of hub configurations. See Ordering Information page for how to order these and other "custom" units by adding suffixes to mounting body catalog numbers.
- Securing Rod for EFD/EFDB Push Button Lockout Guard. Suffix —**SR**.
- For complete list of options, see Catalog Numbering Guide on Pages M-2 through M-4.

Compliances

- UL Standard 698.
- Class I, Div. 1 and 2; Class II, Div. 1 and 2. See listing pages for specific groups.
- Appleton malleable iron products conform to ASTM A47-77, Grade 32510, which has the following properties: tensile strength, 50,000 psi; yield, 32,000 psi; and elongation, 10%.
- Appleton aluminum products are produced from high strength copper-free (4/10 of 1% max.) alloy.



EDS factory sealed rocker arm push button control station—shows separate sealing chamber and device construction. Rocker arm has holes for lock.



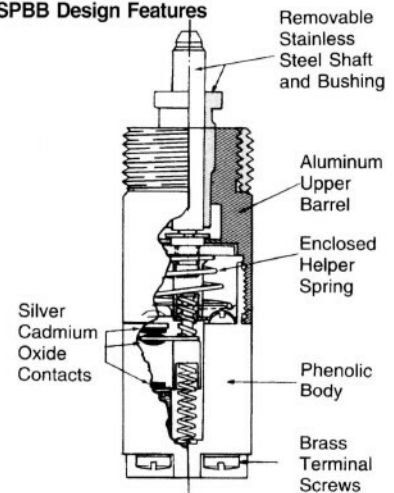
Securing Rod for EFD/EFDB Push Button Lockout Guard—available as an optional item as catalog number SBL-SR-Q (single guard only) or add Suffix —**SR** to push button catalog number. Lockout Guard, furnished as standard with the EFD/EFDB push button, may also be padlocked.



SPBB factory sealed push button used in EFD/EFDB Series—standard type and unit with dust cap.



SPBB Design Features



**Class I, Div. 1 and 2,
Groups C,D;
Class II, Div. 1 and 2,
Groups E,F,G;
Class III
NEMA 7CD,9EFG**

Mounting Bodies for Contender™ Series Factory Sealed Control Stations

Furnished with Internal Ground Screw.

Hub Size, Inches	Dead-End Catalog Number		Feed-Thru Catalog Number	
	Malleable Iron	Aluminum	Malleable Iron	Aluminum

Single Gang and Two Gang Device Bodies

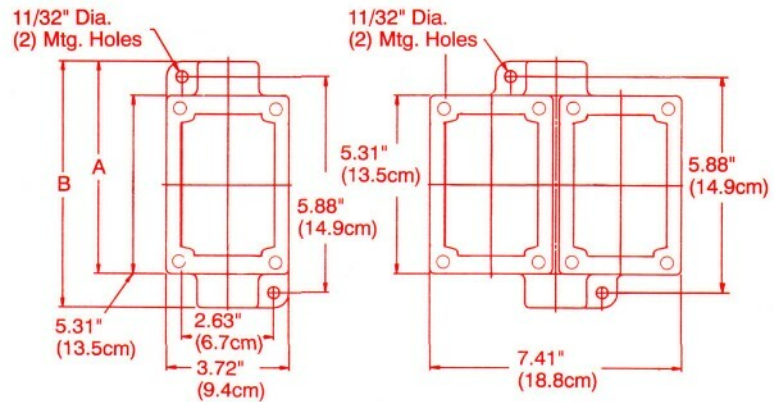


Single Gang - Deep

Hub Size, Inches	Dead-End Catalog Number	Aluminum Dead-End Catalog Number	Feed-Thru Catalog Number (Malleable Iron)	Feed-Thru Catalog Number (Aluminum)
1/2	EDS171	EDS171-SA	EDSC171	EDSC171-SA
3/4	EDS271	EDS271-SA	EDSC271	EDSC271-SA
1	EDS371	EDS371-SA	EDSC371	EDSC371-SA

Two Gang - Deep

Hub Size, Inches	Dead-End Catalog Number	Aluminum Dead-End Catalog Number	Feed-Thru Catalog Number (Malleable Iron)	Feed-Thru Catalog Number (Aluminum)
1/2	EDS172	EDS172-SA	EDSC172	EDSC172-SA
3/4	EDS272	EDS272-SA	EDSC272	EDSC272-SA
1	EDS372	EDS372-SA	EDSC372	EDSC372-SA



Hub Inches	Dimensions in Inches		Dimensions in Centimeters	
	A	B	A	B
1/2 & 3/4	6.06	6.81	15.40	17.30
1	6.17	7.03	15.70	17.90