

M- 12

Class I, Div. 1 and 2
Groups B, C, D
Class II, Div. 1 and 2
Groups E, F, G
Class III
NEMA 3, 7CD, 9EFG

EFD/EFDB Factory Sealed Dust Cap Push Button Stations: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.
10 Ampere, 600V A.C. Max. for Heavy Duty Use.
Momentary Contact. Furnished with Internal Ground Screw.

U.S. Pat. 3,699,276
Patented Canada 1974

Hub Size, Inches	Description	Nameplate Marking	Catalog Number Dead-End	Feed-Thru
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Single Gang*◇

3/4 1	1 Circuit Universal		Specify	EFDB175-DU1* EFDB110-DU1*	EFDDB175-DU1* EFDDB110-DU1*
	2 Circuits Universal		Specify	EFDB175-DU2* EFDB110-DU2*	EFDDB175-DU2* EFDDB110-DU2*

Three Device‡



3/4 1	2 Circuits Universal and 1 Pilot Light		Specify	EFDL75-J1DU2 EFDL10-J1DU2	EFDCL75-J1DU2 EFDCL10-J1DU2
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Description	Nameplate Marking	Catalog Number
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SPBB-DU1

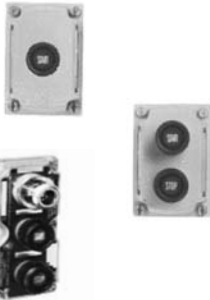


STOP-START-BLANK

Push Button and Replacement Cap

Dust Cap			
Push Button		STOP-START-BLANK	SPBB-DU1-Q
Replacement Dust Cap Only		STOP-START-BLANK	DC-Q
Nameplate		STOP-START-BLANK	DU-NP-Q

Has 1/2 - 14NPSM thread size. Supplied with 1/2" to 3/4" enlarger.



Covers Complete with Pilot Lights, Push Buttons—Factory-Sealed

1 Circuit Universal			Specify	EFKB-DU1
	2 Circuits Universal		Specify	EFKB-DU2
2 Circuits Universal and 1 Pilot Light			Specify	EFKL-J1DU2**

* Malleable iron body and aluminum cover. For aluminum body, add suffix -A. ‡ Aluminum body not available. ** For use with three device mounting bodies.

◇ Shaded area indicates items suitable for Class I, Div. 1 and 2, Groups B, C and D; Class II, Groups E, F and G and Class III.

For Class I, Group B, external seals must be installed at each conduit entrance.

Dimensions on pages 24 and 25.

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 NBL-SR (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

