

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

