

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

Contender® Series: Covers with Pilot Lights or Push Buttons; Covers with Devices for Contender® Bodies

		Description	Nameplate Marking	Catalog Number
		① Cover complete with Push Buttons – Factory Sealed† For use with EDS Bodies (Furnished with 4 stainless steel captive bolts).		
		1 Circuit Universal 	Specify	EDKB-U1
U1	J1U1	2 Circuit Universal 	Specify	EDKB-U2
		① Cover complete with Pilot Lights and Push Buttons – Factory Sealed† 6W120V, Type 6S6 Lamp. For use on standard EDS Bodies (furnished with 4 stainless steel captive bolts).		
		One Pilot Light (red jewel*) and One Universal Circuit 	Specify	EDKB-J1U1
J1	J2	One Pilot Light (red jewel*) and Two Universal Push Buttons 	Specify	EDKB-J1U2
		One Pilot Light (red jewel*) 		EDKB-J1
J1U2	PC120 PC277	Two Pilot Lights (red jewel*) 		EDKB-J2
		Photocontrol 120VAC		EDKB-PC120
		Photocontrol 208-277VAC		EDKB-PC277
		① Cover complete with Pilot Lights and Push Buttons – Factory Sealed† For use with 3-device EDS Bodies (furnished with 8 stainless steel captive bolts).		
		3 Circuits Universal 	Specify	EDKL-U3
U3	J3	Three Pilot Lights (red jewels*) 		EDKL-J3
		One Pilot Light (red jewel*) and two universal circuits 	Specify	EDKL-J1U2
J1U2	J2U1	Two Pilot Lights (red jewels*) and one universal circuit 	Specify	EDKL-J2U1

† Classified for use with Crouse-Hinds Bodies.

* For other colors, add color suffix for each pilot light: Amber—J6, Blue—J11, Clear—J10, Green—J3, Opal—J8.

① Must be used with Contender Series back boxes.

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NEMA 3,7CD,9EFG

Applications

- Push Buttons and Selector Switches are used in conjunction with contactors or magnetic starters for remote control of motors. They provide circuit control and /or selection.
- Pilot Lights provide visual assurance that an electrical function is being performed at a remote or local location
- Contender Series Factory Sealed Control Stations confine arcing of device within the enclosure, preventing ignition of ignitable atmospheres during control operation of motors and other equipment.
- Used in classified areas where flammable vapors, gasses or highly combustible dusts are present.
- For installation in chemical and petrochemical plants, refineries and other process industries or where corrosive elements are present.

Features

- Covers are UL Listed when used on Contender Bodies.
- Covers and bodies are UL Classified to interchange with Crouse-Hinds® EDS covers and bodies.
- Finish is epoxy powder coat for enhanced corrosion resistance.
- Large back box for ample wiring room.
- Ground screw installed in bodies for ground continuity.
- Corrosion-Resistant stainless steel hex head captive screws hold covers to body.
- Factory Sealed enclosure eliminates need for adding sealing fittings and compound at each conduit entrance.
- Heavy-Duty, 10 Ampere 600V rated.
- Factory Sealed Pilot Lights supplied with jewel/guard assembly and 120V, 6W 6S6 lamp. (LED provided as option)
- Dozens of possible combinations of push buttons, pilot lights and selector switches.
- Accurately tapped, tapered hubs for tight, rigid joints and ground continuity.
- Stainless steel push button shaft operates within stainless steel bushing assuring long, maintenance-free operation.

Contender® Series Factory Sealed Control Stations and Pilot Lights: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.
Furnished with Internal Ground Screw



Push Button



Combination Push Button and Pilot Light



Rocker Arm Push Button



Push Button with Dust Cap



Pilot Light



Selector Switch

- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Push Button and Selector Switch contacts are silver cadmium oxide which are "sealed" in lower phenolic chamber isolated from corrosive elements. Assures positive contact and long, trouble-free operation.
- Enclosed Stainless Steel helper spring prevents accidental operation of Push Button in severe vibration installations.

- All front-operated Push Buttons are supplied with lockout type guards as standard. Hole in guard will accept locks with up to 1/4" hasp. Permits locking of Push Button to prevent unauthorized operation.
- Clearly marked terminals with brass screws and spade terminals assure quick, easy wiring.

Contender® Series Factory Sealed Control Stations and Pilot Lights: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit; Furnished with Internal Ground Screw

Standard Materials

- *Control Stations*: malleable iron body with malleable iron cover.
- *SPBB Push Button*: Aluminum upper barrel and phenolic lower barrel with nylon plastic button (Dust Cap models have neoprene buttons).
- *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.

Standard Finishes

- *Contender Series Control Stations*: body triple coat—(1) zinc electroplate, (2) dichromate, and (3) Epoxy Powder Coat.
- *SPBB Push Button, SPLS Pilot Light and SSBA Selector Switch*: natural finish.

Options

- Three Position Selector Switches with modified operation. Momentary contact right position, spring return to center; maintained contact left position. Suffix— **S634**.
- Three Position Selector Switches with modified operation. Momentary contact left position, spring return to center; maintained contact right position. Suffix— **S635**.
- Three Position Selector Switches with modified operation. Momentary contact right position, spring return to center; maintained contact left position; alternate contacts. Suffix— **S636**.
- Selector Switch Lockout - Locks two or three position handle in any position. Suffix— **S349**.
- Pilot Light jewel/guard assembly. Order by suffixes if color desired is other than red as follows: Amber— **J6**; Opal— **J8**; Clear — **J10**; Blue— **J11**; Green— **J3**.
- Bodies and Covers (single or two gang) in copper-free aluminum. Suffix— **SA**.
- Securing Rod for Push Button Lockout Guard Suffix— **S153**.
- LED Pilot Lights are available in lieu of incandescent pilot lights. Order by suffixes for desired color as follows: Red— **LED1**; Green— **LED3**; Amber— **LED6**.

- 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 a high strength copper-free (4/10 of 1% max.) alloy.



Securing Rod for Push Button Lockout Guard - available as optional item. Lockout Guard furnished as standard with the Push Button, may also be padlocked. Suffix— **S153**.



SPBB factory sealed Push Button used in Contender Series - standard type and unit with dust cap.

SPBB Design Features

