

ECS Selector Switch Control Stations

Explosionproof, Dust-Ignitionproof, Factory Sealed and Non-Factory Sealed

CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

CSA Type 3R, 7BCD, 9EFG

Applications

- Push buttons and selector switches are used in conjunction with contactors and magnetic starters for remote control of motors. They provide circuit control and selection.
- Pilot lights provide visual indication that an electrical circuit is engaged either at a remote or local location.
- Toggle switches are used to connect or disconnect electrical operating lighting or other low power loads.

Features

- Corrosion resistant captive stainless steel hex head bolts hold cover to body.
- Dozens of possible combinations of push buttons, selector switches and pilot lights. Contact your local sales representative for combinations not found in the catalog.
- Push buttons supplied standard with neoprene weather boot.
- Clearly marked terminals with brass screws assure quick, easy wiring.
- Push buttons and selector switches employ heavy duty, 10 Amp 600 Vac rated contact blocks.
- Push button and selector switch contacts are silver cadmium oxide assuring long trouble free operation.
- Pilot Lights are supplied with jewel guard and 120 Vac lamp.
- Factory sealed push buttons are supplied with lockout type guards. Hole in guard locks with up to 1/4" hasp. Permits locking of push button to prevent unauthorized operation.
- Factory sealed control stations confine the arcing to the devices within the enclosure. Eliminates the need for adding external sealing fittings at each conduit entry. (Non-factory sealed devices available, contact your local sales representative.)
- Smooth rounded integral bushing in hub protects conductor insulation.
- Accurately tapped, tapered hubs for tight, rigid joints and ground continuity.
- Temperature rating: T6

Standard Materials

- Cover: aluminum alloy
- Body: cast copperfree (4/10 of 1% max.) aluminum
- Push buttons: aluminum upper barrel and phelonic lower barrel
- Dust cap models: neoprene buttons
- Pilot light guard and body assembly: aluminum and tempered glass jewel
- Clamping ring: steel
- Selector switch: aluminum operator mechanism and nylon cam

Standard Finishes

- Body and cover: baked epoxy paint
- Operators: natural finish

Options

- LED pilot light available. Substitute **J** in catalog number with **L**.
- Three position selector switches with modified operation.
 - Momentary contact right position, spring return to center, maintained contact left position. Add suffix —**S634**.
 - Momentary contact left position, spring return to center, maintained contact right position. Add suffix —**S635**.
- Selector switch lockout for factory sealed units locks two or three position handle in any position. Add suffix —**S349**.



1-Gang — Start and Stop



2-Gang — GFCI and Receptacle

- Pilot light jewel/guard assembly, order by suffixes:
 - Red —**JR**
 - Amber —**JA**
 - Blue —**JB**
 - Clear —**JC**
 - Green —**JG**
 - Opal —**JO**
- For colored LED jewel/guard assembly, order by suffixes:
 - Red —**LR**
 - Amber —**LA**
 - Blue —**LB**
 - Clear —**LC**
 - Green —**LG**
 - Opal —**LO**
- Securing rod for push button factory sealed units. Add suffix —**S153**.
- CSA Type 4X enclosure and cover. Add suffix —**4X**.

CEC Certifications and Compliances





- CSA Standards: CSA C22.2 No. 25, CSA C22.2 No. 30, CSA C22.2 No. 14-M
- CSA Certified: 038339

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Toggle Switches ① — No Motor Ratings

		Hub Size (Inches)	Type	Catalog Number			
				Front Operated	Key Operated		
1-Gang — 20 Amp, 120 to 277 Vac							
		Factory Sealed Devices					
		1/2 – 3/4	1-Pole	ECS3F1	ECS3K1		
		1	1-Pole	ECS5F1	ECS5K1		
		1/2 – 3/4	2-Pole	ECS3F2	ECS3K2		
		1	2-Pole	ECS5F2	ECS5K2		
		1/2 – 3/4	3 Way	ECS3F3W	ECS3K3W		
		1	3 Way	ECS5F3W	ECS5K3W		
		Non-Factory Sealed Devices					
		1/2 – 3/4	4 Way	ECS3F4W	ECS3K4W		
		1	4 Way	ECS5F4W	ECS5K4W		
2-Gang — 20 Amp, 120 to 277 Vac							
		Factory Sealed Devices					
		1/2 – 3/4	1-Pole	ECS7F1	ECS7K1		
		1	1-Pole	ECS9F1	ECS9K1		
		1/2 – 3/4	2-Pole	ECS7F2	ECS7K2		
		1	2-Pole	ECS9F2	ECS9K2		
		1/2 – 3/4	3 Way	ECS7F3W	ECS7K3W		
		1	3 Way	ECS9F3W	ECS9K3W		
		Non-Factory Sealed Devices					
		1/2 – 3/4	4 Way	ECS7F4W	ECS7K4W		
		1	4 Way	ECS9F4W	ECS9K4W		
1-Gang — 20 Amp, 347 Vac — Non-Factory Sealed Devices							
		1/2 – 3/4	1-Pole	ECS2F17	ECS2K17		
		1	1-Pole	ECS4F17	ECS4K17		
		1/2 – 3/4	2-Pole	ECS2F27	ECS2K27		
		1	2-Pole	ECS4F27	ECS4K27		
		1/2 – 3/4	3 Way	ECS2F3W7	ECS2K3W7		
		1	3 Way	ECS4F3W7	ECS4K3W7		
		1/2 – 3/4	4 Way	ECS2F4W7	ECS2K4W7		
		1	4 Way	ECS4F4W7	ECS4K4W7		
		1-Gang — 30 Amp, 120 to 277 Vac — Non-Factory Sealed Devices					
				1/2 – 3/4	1-Pole	ECS2F13	ECS2K13
1	1-Pole			ECS4F13	ECS4K13		
1/2 – 3/4	2-Pole			ECS2F23	ECS2K23		
1	2-Pole			ECS4F23	ECS4K23		
1/2 – 3/4	3 Way			ECS2F3W3	ECS2K3W3		
1	3 Way			ECS4F3W3	ECS4K3W3		
1/2 – 3/4	3-Pole			ECS2F33	ECS2K33		
1	3-Pole			ECS4F33	ECS4K33		

① Optional flush mounted single LED indicator light - add suffix **-LED**.