

# ACSEW Cast Control Centers

## Explosionproof, Dust-Ignitionproof

### NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 4, 7BCD, 9EFG

### NEC/CEC — cULus Optional:

Class I, Division 1 and 2, Groups B, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 4, 7BCD, 9EFG

### Application

- Explosionproof control centers are used where hazardous materials are handled or stored.
- Grouping push buttons, switches, pilot devices and glass lenses in one enclosure will satisfy a wide range of control applications. This is most beneficial when having areas with minimum space or needing to centralize all controls in one area.

### Features

- Precision machined flame path between body and cover.
- Bolt on stainless steel slotted mounting feet.
- Flexible hinge mounting on either side, (hinges standard on catalog numbers ACSEW121206 and above).
- External flange maximizes internal space.
- Wall thickness suitable for minimum of five full threads.
- Factory assembled and wired to specifications.
- Operators are spaced on 2-1/2" centers.
- All push buttons and selector switches have stainless steel shafts.
- Push button and selector switches are rated 10 Amp 600 Vac.
- Pilot lights are rated 6 Vac up to 600 Vac with transformer.
- Round windows available in a wide range of sizes.
- Provision for mounting pan.
- Ground lug package and installation instructions for termination of ground wires enclosed.
- O-ring gasket insures watertight integrity.

### Standard Materials

- Bodies and covers: sand cast copperfree (4/10 of 1% max.) aluminum
- Cover bolts and mounting feet: stainless steel
- O-ring: neoprene

### Standard Finish

- Bodies and covers: shot blast finish

### Options

- Refer to the detailed options section at the end of this catalog section for the complete options available.
- Custom drilling and tapping is available. Please review the Drill and Tap form at the end of this catalog section.
- Standard product has UL and CSA certification. For cULus certification only, add suffix **-CUL**.
- For window installed option, contact your local representative for maximum number of operators.

### NEC/CEC Certifications and Compliances

- UL Standards: UL 1203
- UL Classified: E84577
- UL Listed: Control Operators E10449
- CSA Standards: C22.2 No. 14-M, C22.2 No. 24, C22.2 No. 30
- CSA Certified: 042130



CONTROLS: NEC/CEC EXPLOSIONPROOF/FLAMEPROOF CONTROL STATIONS AND SWITCHES

APPLETON™

# ACSEW Control Operators: Pilot Light Components

## Explosionproof

**NEC/CEC:**  
 Class I, Division 1 and 2, Groups B, C, D  
 Class II, Division 1 and 2, Groups E, F, G  
 Class III  
 NEMA 4, 7BCD, 9EFG

**NEC/CEC — cULus Optional:**  
 Class I, Division 1 and 2, Groups B, C, D  
 Class II, Division 1 and 2, Groups E, F, G  
 Class III  
 NEMA 4, 7BCD, 9EFG

### Catalog Numbering Guide

**AE**  
 NEC/CEC Certified  
 Appleton Explosionproof

**PL**  
 Pilot Light

**G**  
 Guard:  
 Omit for Standard Version  
 (no guard)

**1**  
 Voltage:  
 1 - 120 Vac Pigtail  
 2 - 240/120 Vac Transformer  
 3 - 120/6 Vac Transformer  
 4 - 480/120 Vac Transformer  
 5 - 600/120 Vac Transformer  
 6 - 6 Vac/Vdc Pigtail  
 7 - 12 Vac/Vdc Pigtail  
 8 - 24 Vac/Vdc Pigtail  
 9 - 48 Vac/Vdc Pigtail

**A**  
 Color:  
 A - Amber  
 B - Blue  
 C - Clear  
 R - Red  
 G - Green

**L**  
 Long Barrel:  
 Omit for Short Barrel



Voltage	Lens Color	Pilot Light Catalog Number		Guarded Pilot Light Catalog Number	
		Short Barrel	Long Barrel	Short Barrel	Long Barrel
120 Vac/Vdc Pigtail ①	Amber	AEPL1A	AEPL1A-L	AEPLG1A	AEPLG1A-L
	Red	AEPL1R	AEPL1R-L	AEPLG1R	AEPLG1R-L
	Green	AEPL1G	AEPL1G-L	AEPLG1G	AEPLG1G-L
	Clear	AEPL1C	AEPL1C-L	AEPLG1C	AEPLG1C-L
	Blue	AEPL1B	AEPL1B-L	AEPLG1B	AEPLG1B-L
240 Vac Transformer w/120 Vac Lamp ①	Amber	AEPL2A	AEPL2A-L	AEPLG2A	AEPLG2A-L
	Red	AEPL2R	AEPL2R-L	AEPLG2R	AEPLG2R-L
	Green	AEPL2G	AEPL2G-L	AEPLG2G	AEPLG2G-L
	Clear	AEPL2C	AEPL2C-L	AEPLG2C	AEPLG2C-L
	Blue	AEPL2B	AEPL2B-L	AEPLG2B	AEPLG2B-L
120 Vac Transformer w/6 Vac Lamp	Amber	AEPL3A	AEPL3A-L	AEPLG3A	AEPLG3A-L
	Red	AEPL3R	AEPL3R-L	AEPLG3R	AEPLG3R-L
	Green	AEPL3G	AEPL3G-L	AEPLG3G	AEPLG3G-L
	Clear	AEPL3C	AEPL3C-L	AEPLG3C	AEPLG3C-L
	Blue	AEPL3B	AEPL3B-L	AEPLG3B	AEPLG3B-L

① For LED version, add suffix **-LED**. For LED versions 120 Vac only, and 12/24 Vdc only.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875"). For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

CONTROLS: NEC/CEC EXPLOSIONPROOF/FLAMEPROOF CONTROL STATIONS AND SWITCHES

**APPLETON**

# ACSEW Control Operators: Pilot Light Components

## Explosionproof

### NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 4, 7BCD, 9EFG

### NEC/CEC — cULus Optional:

Class I, Division 1 and 2, Groups B, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 4, 7BCD, 9EFG

Voltage	Lens Color	Pilot Light Catalog Number		Guarded Pilot Light Catalog Number	
		Short Barrel	Long Barrel	Short Barrel	Long Barrel
480 Vac Transformer w/120 Vac Lamp ①	Amber	AEPL4A	AEPL4A-L	AEPLG4A	AEPLG4A-L
	Red	AEPL4R	AEPL4R-L	AEPLG4R	AEPLG4R-L
	Green	AEPL4G	AEPL4G-L	AEPLG4G	AEPLG4G-L
	Clear	AEPL4C	AEPL4C-L	AEPLG4C	AEPLG4C-L
	Blue	AEPL4B	AEPL4B-L	AEPLG4B	AEPLG4B-L
600 Vac Transformer w/120 Vac Lamp ①	Amber	AEPL5A	AEPL5A-L	AEPLG5A	AEPLG5A-L
	Red	AEPL5R	AEPL5R-L	AEPLG5R	AEPLG5R-L
	Green	AEPL5G	AEPL5G-L	AEPLG5G	AEPLG5G-L
	Clear	AEPL5C	AEPL5C-L	AEPLG5C	AEPLG5C-L
	Blue	AEPL5B	AEPL5B-L	AEPLG5B	AEPLG5B-L
6 Vac/Vdc Pigtail	Amber	AEPL6A	AEPL6A-L	AEPLG6A	AEPLG6A-L
	Red	AEPL6R	AEPL6R-L	AEPLG6R	AEPLG6R-L
	Green	AEPL6G	AEPL6G-L	AEPLG6G	AEPLG6G-L
	Clear	AEPL6C	AEPL6C-L	AEPLG6C	AEPLG6C-L
	Blue	AEPL6B	AEPL6B-L	AEPLG6B	AEPLG6B-L
12 Vac/Vdc Pigtail ①	Amber	AEPL7A	AEPL7A-L	AEPLG7A	AEPLG7A-L
	Red	AEPL7R	AEPL7R-L	AEPLG7R	AEPLG7R-L
	Green	AEPL7G	AEPL7G-L	AEPLG7G	AEPLG7G-L
	Clear	AEPL7C	AEPL7C-L	AEPLG7C	AEPLG7C-L
	Blue	AEPL7B	AEPL7B-L	AEPLG7B	AEPLG7B-L
24 Vac/Vdc Pigtail ①	Amber	AEPL8A	AEPL8A-L	AEPLG8A	AEPLG8A-L
	Red	AEPL8R	AEPL8R-L	AEPLG8R	AEPLG8R-L
	Green	AEPL8G	AEPL8G-L	AEPLG8G	AEPLG8G-L
	Clear	AEPL8C	AEPL8C-L	AEPLG8C	AEPLG8C-L
	Blue	AEPL8B	AEPL8B-L	AEPLG8B	AEPLG8B-L
48 Vac/Vdc Pigtail	Amber	AEPL9A	AEPL9A-L	AEPLG9A	AEPLG9A-L
	Red	AEPL9R	AEPL9R-L	AEPLG9R	AEPLG9R-L
	Green	AEPL9G	AEPL9G-L	AEPLG9G	AEPLG9G-L
	Clear	AEPL9C	AEPL9C-L	AEPLG9C	AEPLG9C-L
	Blue	AEPL9B	AEPL9B-L	AEPLG9B	AEPLG9B-L

CONTROLS: NEC/CEC EXPLOSIONPROOF/FLAMEPROOF CONTROL STATIONS AND SWITCHES

APPLETON™

① For LED version, add suffix **-LED**. For LED versions 120 Vac only, and 12/24 Vdc only.

NOTE: Use long barrel devices on enclosure applications with cover thickness exceeding 22.225 mm (0.875").

For legend plates, see Options, Accessories and Nameplates. All Operators are 3/4" NPSM.

# ACSEW Control Operators

Add 1" to length for Contact Block. Thread Size — 3/4" NPSM.

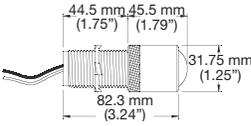
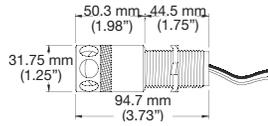
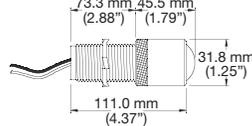
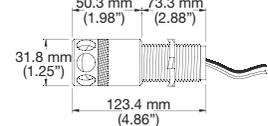
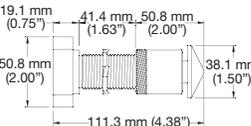
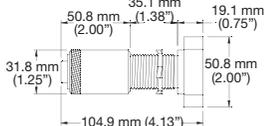
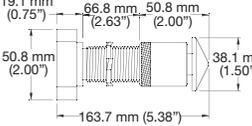
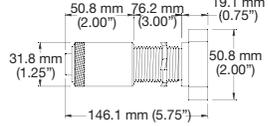
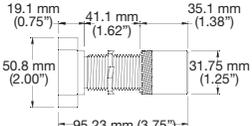
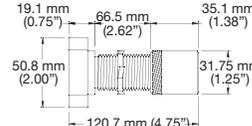
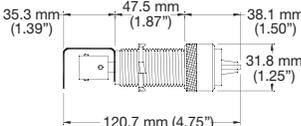
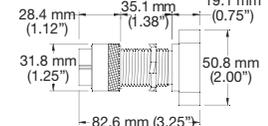
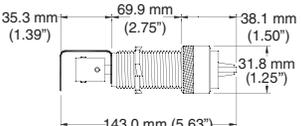
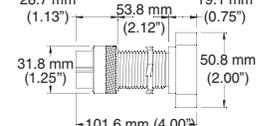
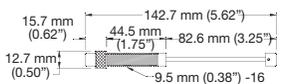
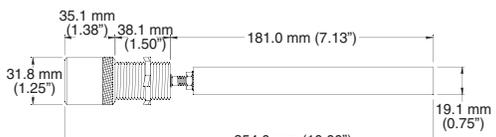
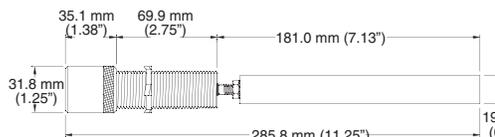
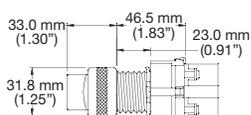
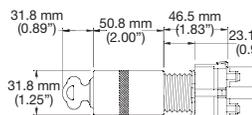
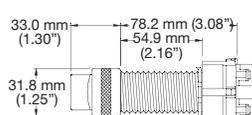
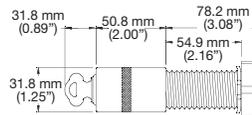
**NEC/CEC:**

Class I, Division 1 and 2, Groups B, C, D  
 Class II, Division 1 and 2, Groups E, F, G  
 Class III  
 NEMA 4, 7BCD, 9EFG

**NEC/CEC — cULus Optional:**

Class I, Division 1 and 2, Groups B, C, D  
 Class II, Division 1 and 2, Groups E, F, G  
 Class III  
 NEMA 4, 7BCD, 9EFG

**Dimensions in Millimeters (Inches)**

Short Barrel		Long Barrel	
 <p><b>Standard Pilot Light</b></p>	 <p><b>Guarded Pilot Light</b></p>	 <p><b>Standard Pilot Light</b></p>	 <p><b>Guarded Pilot Light</b></p>
 <p><b>Mushroom Head Push Button</b></p>	 <p><b>Push-To-Test Pilot Light</b></p>	 <p><b>Mushroom Head Push Button</b></p>	 <p><b>Push-To-Test Pilot Light</b></p>
 <p><b>Push Button</b></p>	 <p><b>Push Button</b></p>		
 <p><b>Potentiometer Operator</b></p>	 <p><b>Dual Push Button</b></p>	 <p><b>Potentiometer Operator</b></p>	 <p><b>Dual Push Button</b></p>
 <p><b>Miniature Reset Button</b></p>			
 <p><b>Standard Reset Button</b></p>	 <p><b>Standard Reset Button</b></p>		
 <p><b>Selector Switch</b></p>	 <p><b>Keyed Selector Switch</b></p>	 <p><b>Selector Switch</b></p>	 <p><b>Keyed Selector Switch</b></p>

CONTROL-S: NEC/CEC EXPLOSIONPROOF/FLAMEPROOF CONTROL STATIONS AND SWITCHES

**APPLETON**