

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

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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

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

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Dimensions in Millimeters (Inches)

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

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