

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 Operator Accessories

Explosionproof

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	Item	Description	Catalog Number
	<p>360° Rotating Shaft</p>	<p>Manual operated shaft used for devices requiring external adjustment. The shaft is 6.35 mm (0.25") diameter and is provided with a coupling to compensate for misalignment.</p>	<p>ARO250C</p>
	<p>Standard Reset Button</p>	<p>Six-inch length can be field modified for specific length. Suitable for use in Class I, Groups B, C and D applications.</p> <p>For long barrel</p>	<p>AEPRS</p> <p>AEPRSL</p>
	<p>Miniature Reset Button</p>	<p>Six-inch length can be field modified for specific length. Suitable for use in Class I, Groups B, C and D applications. 3/8 - 16 Threads.</p>	<p>AEPRM</p>
	<p>Weather Cap For Push Button Devices</p>	<p>Field attachable weather cap snaps on easily without the use of adhesives.</p> <p>Black</p> <p>Green</p> <p>Red</p>	<p>PBCAPB</p> <p>PBCAPG</p> <p>PBCAPR</p>
	<p>Plug</p>	<p>3/4" NPSM to plug unused openings.</p>	<p>AA-9400</p>
 <p data-bbox="237 1629 285 1650">AP02</p> <p data-bbox="488 1692 537 1713">AP01</p>	<p>Potentiometer Operator</p>	<p>Operator for use with potentiometers having a 6.35 mm (0.25") diameter by 22.225 mm (0.875") long shaft. The operator is furnished with a control knob and dial plate marked 0 to 100.</p> <p>Long bushing for applications where enclosure cover thickness is greater than 22.225 mm (0.875").</p> <p>Potentiometer 10k Ohm. Reach out to local rep if devices requirements are outside 10KOhm range</p>	<p>AP01 ①</p> <p>AP02 ①</p> <p>53C210K</p>

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① AP01/AP02 suffixes do not include the potentiometer.
 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.

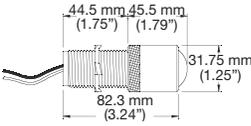
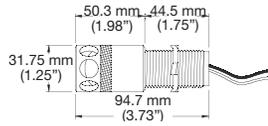
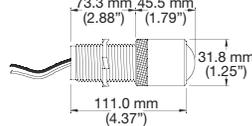
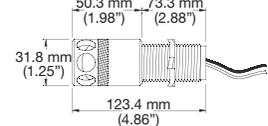
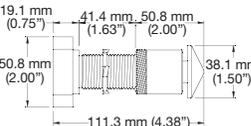
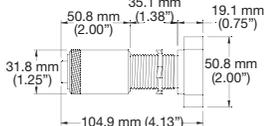
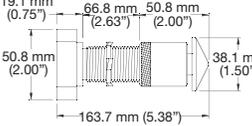
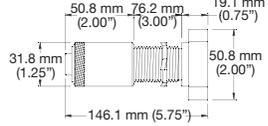
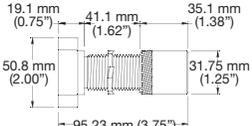
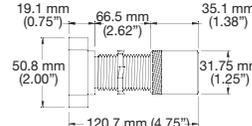
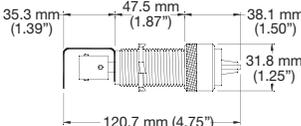
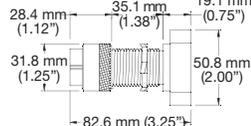
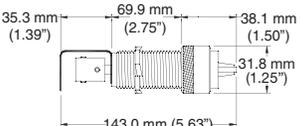
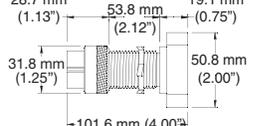
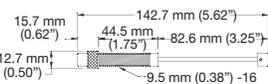
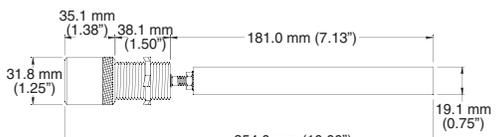
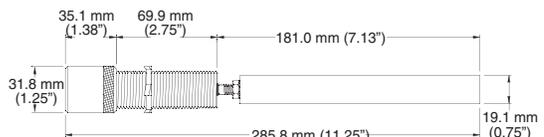
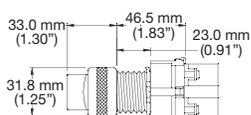
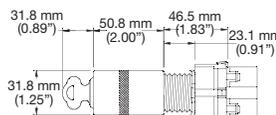
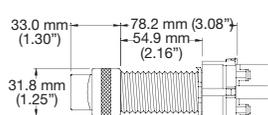
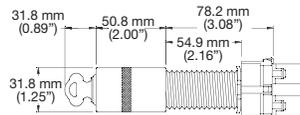
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Dimensions in Millimeters (Inches)

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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