

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
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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: Selector Switch Components

Explosionproof

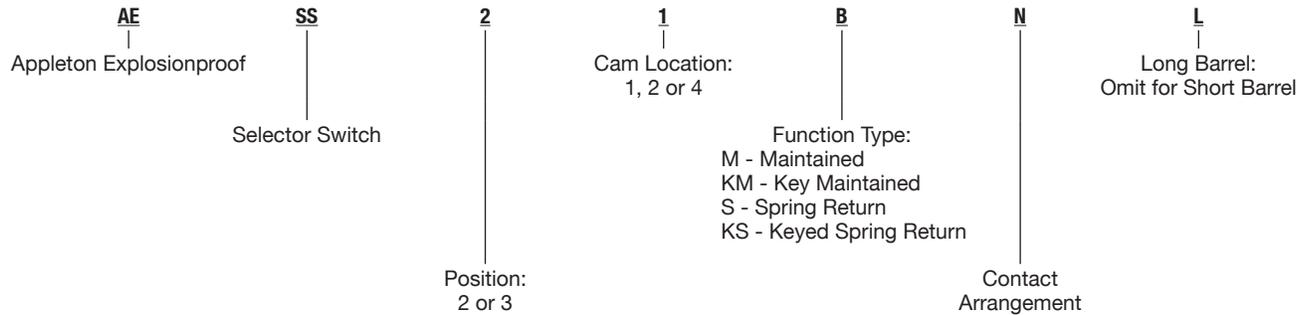
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Catalog Numbering Guide



Two Position – Maintained Contact

Contact	Lever Position X=Closed, O=Open		Catalog Number		Contact Block Position		Cam Location
	Left	Right	Standard Bushing	Long Bushing	L	R	
1	O	X	AESS22MG	AESS22MG-L	NO	-	2
1	X	O	AESS22MH	AESS22MH-L	-	NO	2
1	O	X	AESS22ML	AESS22ML-L	NO	NO	2
2	X	O					
1	O	X	AESS22MM	AESS22MM-L	NO	NC	2
2	O	X					
1	X	O	AESS22MR	AESS22MR-L	2NC	2NC	2
2	O	X					
3	X	O					
4	O	X					

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.

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Two Position – Key Operated ①② – Maintained Contact

Contact	Lever Position X=Closed, O=Open		Catalog Number		Contact Block Position		Cam Location
	Left	Right	Standard Bushing	Long Bushing	L	R	
1	O	X	AESS22KMG	AESS22KMG-L	NO	—	2
1	X	O	AESS22KMH	AESS22KMH-L	—	NO	2
1	O	X	AESS22KML	AESS22KML-L	NO	NO	2
2	X	O					
1	O	X	AESS22KMM	AESS22KMM-L	NO	NC	2
2	O	X					
1	X	O	AESS22KMR	AESS22KMR-L	2NC	2NC	2
2	O	X					
3	X	O					
4	O	X					

Two Position – Key Operated ①② – Spring Return Right to Center

Contact	Lever Position X=Closed, O=Open		Catalog Number		Contact Block Position		Cam Location
	Left	Right	Standard Bushing	Long Bushing	L	R	
1	O	X	AESS22KSG	AESS22KSG-L	NO	—	2
1	X	O	AESS22KSH	AESS22KSH-L	—	NO	2
1	O	X	AESS22KSL	AESS22KSL-L	NO	NO	2
2	X	O					
1	O	X	AESS22KSM	AESS22KSM-L	NO	NC	2
2	O	X					
1	X	O	AESS22KSR	AESS22KSR-L	2NC	2NC	2
2	O	X					
3	X	O					
4	O	X					

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① Locks are normally provided keyed differently. If keyed-alike locks are required, specify suffix **-KA1** and a standard type of identical locks will be provided. If a unique set of keyed-alike locks is required, specify and contact your local representative for delivery.

② Key removable from one field selectable position only. Contact your local representative for key removable in two positions.

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 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.

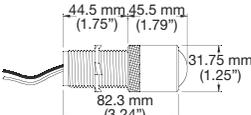
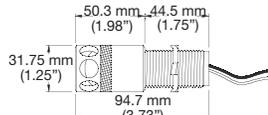
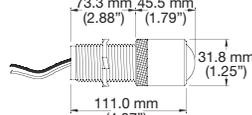
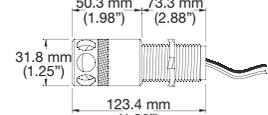
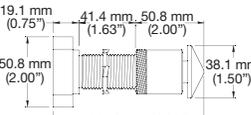
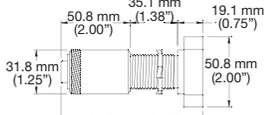
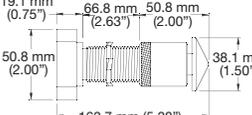
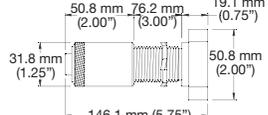
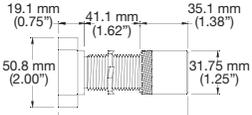
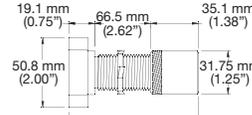
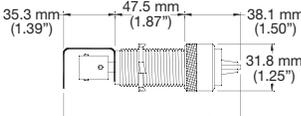
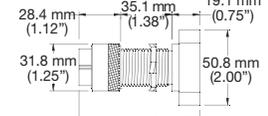
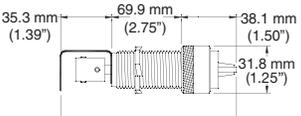
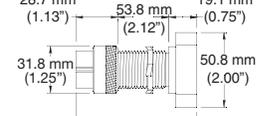
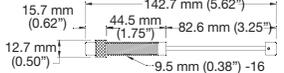
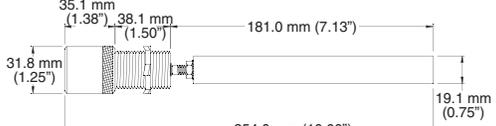
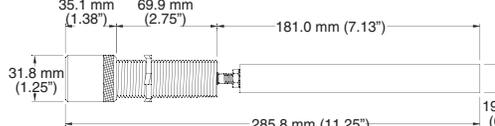
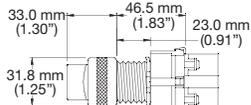
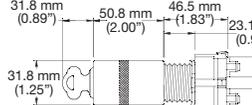
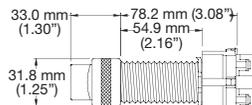
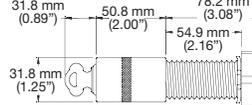
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Dimensions in Millimeters (Inches)

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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