

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 Cast Control Center Options and Accessories

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Round Windows ②

Catalog Number	Description
AW5	3" Viewing Area, Round Group B
AW6	4" Viewing Area, Round Group B
AW7	5" Viewing Area, Round Group B
AW10	7" Viewing Area, Round Group B
AW12	9" Viewing Area, Round Group B

Circuit Breaker Operators

Catalog Number	Description
AV1W	150AF Circuit Breaker Mechanism
AV2W	250AF Circuit Breaker Mechanism

Options

Factory Installed Suffix	Field Installed Catalog Number	Description
AB	N/A	Set of 4 standoffs 1/2" high
BR	BRTB4X	Breather, NEMA 4X (includes outlet and installation)
DN	DRNB4X	Drain, NEMA 4X (includes outlet and installation)
EGS	N/A	External grounding stud 3/8"-16
G1	N/A	Gray Powder Coat Epoxy (outside)
G2	N/A	Gray Powder Coat Epoxy to provide NEMA 4X rating (inside and outside)
H		Hinges stainless steel
	AHOF12SS	Hinge Kit, 2 light duty SS hinges
	AHOF22SS	Hinge Kit, 2 heavy duty SS hinges
	AHOF23SS	Hinge Kit, 3 heavy duty SS hinges
K ①	N/A	Terminal blocks 600 Vac, 30 Amp (example: 5 points = 5K)
NP	N/A	Plastic nameplate, 2" x 4", 1/8" black letters on white surface, 3 lines max., specify legend.
NPSM75	N/A	3/4" NPSM Drill and Tap
Z	See Options and Accessories	Mounting pan

Mounting Hardware

Field Installed Catalog Number	Description
AMH1	1/4" - 20 x 1-1/4" Bolt, 1/4" - 20 Hex Nut, 1/4" Washers
AMH2	3/8" - 16 x 1-1/4" Bolt, 3/8" - 16 Hex Nut, 3/8" Washers
AMH3	7/16" - 14 x 1-3/4" Bolt, 7/16" - 14 Hex Nut, 7/16" Washers
AMH4	1/2" - 13 x 1-3/4" Bolt, 1/2" - 13 Hex Nut, 1/2" Washers
AMH5	1/2" - 13 x 2" Bolt, 1/2" - 13 Hex Nut, 1/2" Washers
AMH6	5/8" - 11 x 2" Bolt, 5/8" - 11 Hex Nut, 5/8" Washers
AMH7	1/2" - 13 x 1-1/4" Bolt, 1/2" - 13 Hex Nut, 1/2" Washers
AMH8	5/8" - 11 x 1-1/4" Bolt, 5/8" - 11 Hex Nut, 5/8" Washers

Drill and Tap Options

Symbol	Conduit Size (Inches – NPT)
A	1/2
B	3/4
C	1
D	1-1/4
E	1-1/2
F	2
G	2-1/2
H	3
J	3-1/2
K	4

Blind Tapped Holes

Suffix	Screw Size
BT1	#6 - 1/4"
BT2	5/16" - 1/2"

① Indicate number of points.

② Windows are not available for ACSEW206008 or ACSEW184806.