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

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ACSEW Cast Control Center Options and Accessories

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Mounting Pans

Mounting Pan Catalog Number	Junction Box Catalog Number	Overall Dimensions in Millimeters (Inches) W	H
AZ-464	ACSEW040604	76.2 (3.00)	127.0 (5.00)
AZ-593	ACSEW050903	88.9 (3.50)	215.9 (8.50)
AZ-664	ACSEW060604	120.7 (4.75)	120.7 (4.75)
AZ-684	ACSEW060804	114.3 (4.50)	165.1 (6.50)
AZ-684	ACSEW060806	114.3 (4.50)	165.1 (6.50)
AZ-6104	ACSEW061004	127.0 (5.00)	254.0 (10.00)
AZ-6124	ACSEW061204	139.7 (5.50)	279.4 (11.00)
AZ-6164	ACSEW061604	13.4 (5.25)	381.0 (15.00)
AZ-7116	ACSEW071106	165.1 (6.50)	254.0 (10.00)
AZ-886	ACSEW080806	165.1 (6.50)	165.1 (6.50)
AZ-8106	ACSEW081006	165.1 (6.50)	215.9 (8.50)
AZ-8137	ACSEW081307	152.4 (6.00)	279.4 (11.00)
AZ-9115	ACSEW091105	209.6 (8.25)	254.0 (10.00)
AZ-9154	ACSEW091504	206.5 (8.13)	374.65 (14.75)
AZ-10104/6	ACSEW101006	190.5 (7.50)	190.5 (7.50)
AZ-10146/8	ACSEW101406	228.6 (9.00)	330.2 (13.00)
AZ-10146/8	ACSEW101408	228.6 (9.00)	330.2 (13.00)
AZ-11205	ACSEW112005	266.7 (10.50)	482.6 (19.00)
AZ-11246	ACSEW112406	251.0 (9.88)	590.6 (23.25)
AZ-11306	ACSEW113006	251.0 (9.88)	723.9 (28.50)
AZ-12126/8	ACSEW121206	266.7 (10.50)	266.7 (10.50)
AZ-12126/8	ACSEW121208	266.7 (10.50)	266.7 (10.50)
AZ-12186/8	ACSEW121806	266.7 (10.50)	419.1 (16.50)
AZ-12186/8	ACSEW121808	266.7 (10.50)	419.1 (16.50)
AZ-12248	ACSEW122408	273.1 (10.75)	574.8 (22.63)
AZ-12368	ACSEW123608	254.0 (10.00)	863.6 (34.00)
AZ-13386	ACSEW133806	292.1 (11.50)	924.1 (36.38)

Mounting Pan Catalog Number	Junction Box Catalog Number	Overall Dimensions in Millimeters (Inches) W	H
AZ-14146/8	ACSEW141406	311.2 (12.25)	311.2 (12.25)
AZ-14146/8	ACSEW141408	311.2 (12.25)	311.2 (12.25)
AZ-14248	ACSEW142408	355.6 (14.00)	568.5 (22.38)
AZ-15377	ACSEW153707	368.3 (14.50)	901.7 (35.50)
AZ-16166/8	ACSEW161606	381.0 (15.00)	381.0 (15.00)
AZ-16166/8	ACSEW161608	381.0 (15.00)	381.0 (15.00)
AZ-161812	ACSEW161812	381.0 (15.00)	406.4 (16.00)
AZ-16226	ACSEW162206	355.6 (14.00)	508.0 (20.00)
AZ-16248	ACSEW162408	374.7 (14.75)	577.9 (22.75)
AZ-16286	ACSEW162806	355.6 (14.00)	660.4 (26.00)
AZ-18186/8	ACSEW181806	406.4 (16.00)	406.4 (16.00)
AZ-18186/8	ACSEW181808	406.4 (16.00)	406.4 (16.00)
AZ-18248/10	ACSEW182408	406.4 (16.00)	558.8 (22.00)
AZ-18248/10	ACSEW182410	406.4 (16.00)	558.8 (22.00)
AZ-18308	ACSEW183008	406.4 (16.00)	711.2 (28.00)
AZ-18368/10	ACSEW183608	431.8 (17.00)	882.7 (34.75)
AZ-18368/10	ACSEW183610	431.8 (17.00)	882.7 (34.75)
AZ-18427	ACSEW184207	431.8 (17.00)	1016.0 (40.00)
AZ-20608	ACSEW206008	457.2 (18.00)	1460.5 (57.50)
AZ-24248/10	ACSEW242408	558.8 (22.00)	558.8 (22.00)
AZ-24248/10	ACSEW242410	558.8 (22.00)	558.8 (22.00)
AZ-24308	ACSEW243008	571.5 (22.50)	711.2 (28.00)
AZ-24368/10	ACSEW243608	558.8 (22.00)	863.6 (34.00)
AZ-24368/10	ACSEW243610	558.8 (22.00)	863.6 (34.00)
AZ-30388	ACSEW303808	711.2 (28.00)	914.1 (36.00)
AZ-30388	ACSEW303816	711.2 (28.00)	914.1 (36.00)

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