

ACSEW Cast Control Centers: Explosionproof, Dust-Ignitionproof

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

- Sand cast copper-free aluminum.
- Precision machined flame path between body and cover.
- Bolt on stainless steel slotted mounting feet.
- Flexible hinge mounting on either side, (hinges standard on 121206 & 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 6V up to 600 V with transformer.
- Square and 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:* copper-free aluminum.
- *Cover bolts:* stainless steel.
- *O-Ring:* Neoprene.



Standard Finish

- *Bodies and covers:* Shot blast finish standard.

Options

- Grey epoxy powder coat available to provide NEMA 4X rating. (-G2 Suffix).
- Drilling and Tapping.

Compliances

- UL Classified - Standard 886
- CSA Certified - Standard C22.2, No. 30
- NEMA 4



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Class I, Div. 1 and 2
Groups B, C, D
Class II, Div. 1 and 2 Groups E, F, G
Class III,
NEMA 4, 7BCD, 9EFG

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Catalog No.	Overall Dimensions			Mounting Dimensions				Inside Dimensions				Flat Mach. Space		Conduit Area			
	F	E	G	A	A*	B	B*	W	H	Db	Dc	Q	P	L	N	M	K
ACSEW050903	8.94	13.50	6.13	4.00	n/a	11.00	n/a	5.06	9.50	3.50	1.13	9.13	4.63	9.00	4.56	2.56	2.00
ACSEW060804	10.40	12.40	6.50	4.56	9.13	10.56	4.50	6.00	8.00	3.75	0.75	6.25	4.25	6.75	4.75	2.25	2.50
ACSEW061004	10.63	15.25	6.75	5.50	n/a	13.13	n/a	6.13	10.75	3.81	1.44	10.38	5.75	9.94	5.38	2.19	2.00
ACSEW061204	10.63	16.63	6.38	n/a	9.13	n/a	8.50	6.13	12.13	4.06	1.00	10.13	4.13	11.00	5.00	2.31	2.25
ACSEW061604	11.00	20.50	6.88	6.00	n/a	18.00	n/a	6.50	16.00	4.13	1.38	13.06	5.50	15.13	5.63	2.25	2.31
ACSEW071106	12.25	15.88	10.00	6.38	n/a	13.50	n/a	7.38	11.38	5.88	2.50	10.94	7.44	9.75	6.25	4.13	3.38
ACSEW080806	12.25	12.25	8.25	4.50	n/a	10.75	n/a	8.00	8.00	5.75	0.75	6.25	6.25	5.75	5.75	3.75	3.25
ACSEW081006	12.50	14.50	8.50	7.00	10.75	12.50	6.50	8.00	10.00	5.75	0.75	8.25	6.25	8.51	6.25	4.00	3.50
ACSEW081307	12.50	17.44	10.38	n/a	10.00	n/a	8.50	8.00	13.06	3.50	3.50	14.19	9.00	11.25	6.31	1.75	2.75
ACSEW091105	13.88	15.50	8.69	7.25	11.82	13.13	8.56	9.38	11.13	4.81	1.88	11.13	9.38	9.38	7.63	3.25	3.25
ACSEW091504	14.25	20.44	8.50	7.25	11.81	17.88	13.31	9.50	15.56	4.75	1.75	12.38	6.25	14.28	7.88	3.50	3.00
ACSEW101004	14.81	14.81	7.13	6.50	n/a	13.00	n/a	10.25	10.25	3.50	1.50	7.19	7.19	7.06	7.06	2.00	2.25
ACSEW101006	14.81	14.81	9.13	6.50	n/a	13.00	n/a	10.25	10.25	5.75	1.50	7.19	7.19	7.06	7.06	3.00	3.38
ACSEW101406	14.50	18.50	8.44	7.00	13.00	16.63	10.63	10.00	14.00	5.88	0.75	12.75	8.75	12.25	8.25	3.31	3.13
ACSEW101408	14.50	18.50	9.63	n/a	13.00	n/a	10.63	10.00	14.00	7.75	0.75	12.75	8.75	12.25	8.25	6.19	4.44
ACSEW112005	16.38	25.13	7.50	10.25	14.50	22.63	16.88	11.38	20.00	4.88	1.50	17.06	8.38	17.81	9.38	2.50	3.50
ACSEW112406	15.75	29.38	10.19	8.50	14.13	27.13	20.00	10.75	24.38	6.00	1.63	21.38	7.75	22.63	9.13	4.19	4.00
ACSEW113006	16.38	35.00	10.25	9.50	15.13	32.88	27.25	11.25	29.88	6.19	1.88	26.25	7.63	27.63	9.06	4.06	4.19
ACSEW121206	17.38	17.38	9.25	8.63	15.63	15.63	8.63	12.25	12.25	5.75	1.50	9.25	9.25	10.50	10.50	3.75	3.75
ACSEW121208	17.38	17.38	11.50	8.63	15.63	15.63	8.63	12.25	12.25	7.75	1.50	9.25	9.25	10.50	10.50	6.06	4.75
ACSEW121806	17.00	23.00	9.13	n/a	15.75	n/a	14.13	12.25	18.25	5.75	1.50	15.25	9.25	15.06	9.06	3.00	3.50
ACSEW121808	17.00	23.00	11.13	n/a	15.75	n/a	14.13	12.25	18.25	8.75	1.50	15.25	9.25	15.06	9.06	5.00	4.25
ACSEW122408	16.75	28.75	11.13	n/a	15.75	n/a	18.38	12.00	24.00	7.75	1.00	22.00	10.00	21.94	9.75	5.50	4.25
ACSEW123608	16.75	40.75	1.88	n/a	15.75	n/a	29.00	12.00	36.00	7.75	1.50	33.25	9.50	34.38	9.38	5.50	4.56
ACSEW133806	18.00	42.50	10.44	16.13	11.88	40.75	33.75	13.63	37.88	6.13	1.50	35.13	10.63	35.75	11.50	3.88	4.31
ACSEW141406	19.38	19.38	9.56	9.75	17.75	17.75	9.75	14.75	14.75	5.75	1.38	11.00	11.00	12.50	12.50	3.50	3.88
ACSEW141408	19.38	19.38	11.56	9.75	17.75	17.75	9.75	14.75	14.75	7.75	1.38	11.00	11.00	12.50	12.50	5.50	4.00
ACSEW142408	19.63	29.00	12.00	13.13	n/a	27.50	n/a	14.88	24.25	8.00	1.50	21.25	11.88	22.00	12.63	6.13	4.00
ACSEW153707	21.25	43.00	12.06	13.75	20.00	41.63	32.00	15.63	37.25	7.44	1.50	34.00	15.38	35.06	13.38	4.94	5.25
ACSEW161606	21.00	21.00	9.81	11.00	19.75	19.75	11.00	16.50	16.50	5.75	1.50	13.25	13.25	14.00	14.00	3.50	3.88
ACSEW161608	21.00	21.00	12.39	11.00	19.75	19.75	11.00	16.50	16.50	8.38	1.50	13.25	13.25	14.00	14.00	6.13	4.88
ACSEW161812	21.38	23.38	15.06	12.00	19.00	21.00	14.00	16.25	18.25	11.88	0.38	16.75	14.75	16.13	14.00	9.94	7.00
ACSEW162206	21.50	27.31	9.06	13.00	19.88	25.25	15.50	16.44	22.50	5.75	1.25	19.00	13.00	19.56	13.56	2.25	3.31
ACSEW162408	21.00	28.00	12.13	n/a	19.75	n/a	18.38	16.25	24.25	8.25	1.50	21.25	13.25	22.00	14.00	6.00	5.31
ACSEW162806	20.75	32.75	8.63	13.00	n/a	30.75	n/a	16.25	28.25	5.75	1.50	25.25	13.25	25.06	13.06	1.75	3.13
ACSEW181806	23.38	23.38	9.94	13.00	21.75	21.75	13.00	18.25	18.25	5.75	1.50	15.25	15.25	16.00	16.00	3.50	4.13
ACSEW181808	23.38	23.38	11.94	13.00	21.75	21.75	13.00	18.25	18.25	7.75	1.50	15.25	15.25	16.00	16.00	5.50	4.50
ACSEW182408	23.94	30.00	12.18	16.13	21.75	27.75	18.38	18.25	24.19	7.75	1.50	21.25	15.25	21.75	15.75	5.50	5.06
ACSEW182410	23.94	30.00	14.18	16.13	21.75	27.75	18.38	18.25	24.19	9.75	1.50	21.25	15.25	21.75	15.75	7.50	5.75
ACSEW183008	22.63	34.63	12.13	n/a	21.75	n/a	23.00	18.25	30.25	7.75	1.50	27.25	15.25	28.00	16.00	5.50	4.75
ACSEW183608	23.50	41.75	12.31	11.00	21.75	39.50	29.00	18.25	36.50	7.75	1.50	33.50	14.50	34.13	15.81	5.50	4.75
ACSEW183610	23.50	41.75	14.31	11.00	21.75	39.50	29.00	18.25	36.50	9.75	1.50	33.50	14.50	34.13	15.81	7.50	5.50
ACSEW184207	23.88	47.88	11.88	16.00	23.00	45.38	38.38	18.63	42.25	7.00	1.50	39.25	15.63	40.88	17.13	5.00	5.00
ACSEW205610	26.00	56.00	17.63	n/a	21.56	n/a	38.63	20.00	56.00	5.00	5.00	57.00	7.00	Consult Factory		4.50	
ACSEW206008	25.00	65.00	12.75	n/a	23.50	n/a	50.00	20.00	60.00	6.88	1.50	56.38	16.38	57.50	17.50	5.00	4.75
ACSEW242408	29.38	29.38	12.31	18.38	28.00	28.00	18.38	24.50	24.50	7.75	1.50	21.25	21.25	22.13	22.13	5.50	5.00
ACSEW242410	29.38	29.38	14.31	18.38	28.00	28.00	18.38	24.50	24.50	9.75	1.50	21.25	21.25	22.13	22.13	7.50	6.13
ACSEW243008	29.00	35.00	13.00	18.00	28.00	34.00	23.00	24.00	30.00	8.00	1.94	25.88	19.88	27.38	21.38	5.94	5.25
ACSEW243608	30.75	43.00	13.06	18.25	28.00	40.00	29.00	24.25	36.25	7.75	1.63	33.25	21.00	34.00	21.00	5.88	5.13
ACSEW243610	30.75	43.00	13.06	18.25	28.00	40.00	29.00	24.25	36.25	9.75	1.63	33.25	21.00	34.00	21.00	7.50	6.00
ACSEW303808	36.00	44.00	13.75	n/a	35.00	n/a	29.00	30.00	38.00	7.75	2.00	39.88	31.88	34.63	26.63	4.75	6.13
ACSEW303816	36.00	44.00	20.06	n/a	35.00	n/a	29.00	30.00	38.00	7.75	7.75	39.88	31.88	34.63	26.63	4.75	6.13

Dimensions (in inches) are nominal. ◇ For Groups B and C, all conduits must be sealed within 2" of the enclosure. Refer to page K-21 for Dimensional Drawings. Refer to page K-39 for drill and tap schedule to accompany order.