

NEMA Type 9



Industry Standards

UL Class II Division 1 and 2 Group E, F and G locations
 UL File No. E67456

NEMA/EEMAC Type 9
 CSA certified for Class II Division 1 and 2 Group E, F and G locations
 IEC 60529, IP60
 CSA File No. 42186

Application

For use in Class II Division 1 and 2 locations as defined in Article 500 of the National Electrical Code as having the presence of combustible dusts.

Specifications

- 0.19-in. (5-mm), .25-in. (6-mm) and .38-in. (10-mm) steel plate
- Ends are .38-in. (10-mm) steel plate to provide a minimum of 3.50 full threads for conduit sizes through 2.00 in. (51 mm). (Class II enclosures must have minimum of 3.50 full threads at all conduit entrances. NEMA requires conduit entrances to be in top and/or bottom of enclosure. Tapped holes for conduit should have tapered pipe threads.)
- Covers are .25-in. (6-mm) thick to allow mounting of NEMA 9 pushbuttons and pilot lights, which require threaded holes (3/4-14 NPSM thread)
- Heavy duty cover hinges on enclosures when "A" is 20.00 in. (508 mm) or more
- Fiber gasket, mechanically attached to cover, assures dust-tight enclosure
- Weldnuts or collar studs provided for mounting optional panel

Finish

ANSI 61 gray polyester powder finish inside and out over pretreated surfaces.

Accessories

See also Accessories.

Panels for Type 1 Enclosures and Small Type 3R Enclosures
 Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
 Terminal Block Kit Assembly for Junction Boxes Overview
 Terminal Block Kit Assembly for Type 4, 12 and 13 Enclosures Overview

Bulletin: A9

Hazardous Location Enclosures

Standard Product

Catalog Number	AxBxC in./mm	Panel	Panel Size D x E in./mm	Mounting G x H in./mm	Number of Mounting Holes	Overall L x W in./mm	I in./mm	F in./mm	M in./mm	Q in./mm
A8D64	8.00 x 6.00 x 4.00	A8N6P	6.25 x 4.25	5.75 x 7.62	4	10.50 x 8.88	2.69	1.50	—	7.25
	203 x 152 x 102		159 x 108	146 x 194		267 x 226	68	38	—	184
A10D84	10.00 x 8.00 x 4.00	A10N8P	8.25 x 6.25	7.75 x 9.62	4	12.50 x 10.88	2.69	1.50	—	9.25
	254 x 203 x 102		210 x 159	197 x 244		318 x 276	68	38	—	235
A12D106	12.00 x 10.00 x 6.00	A12N10P	10.25 x 8.25	9.75 x 11.62	4	14.50 x 12.88	3.50	1.50	—	11.25
	305 x 254 x 152		260 x 210	248 x 295		368 x 327	89	38	—	286
A12D128	12.00 x 12.00 x 8.00	A12N12P	10.25 x 10.25	9.75 x 13.62	4	14.50 x 14.88	3.50	1.50	—	13.25
	305 x 305 x 203		260 x 260	248 x 346		368 x 378	89	38	—	337
A16D128	16.00 x 12.00 x 8.00	A16P12	13.00 x 9.00	13.75 x 13.62	4	18.50 x 14.88	3.50	1.50	—	13.25
	406 x 305 x 203		330 x 229	349 x 346		470 x 378	89	38	—	337
A16D168	16.00 x 16.00 x 8.00	A16P16	13.00 x 13.00	13.75 x 17.62	4	18.50 x 18.88	3.50	1.50	—	17.25
	406 x 406 x 203		330 x 330	349 x 448		470 x 480	89	38	—	438
A20D168	20.00 x 16.00 x 8.00	A20P16	17.00 x 13.00	14.75 x 17.62	4	22.50 x 18.88	3.50	3.00	—	17.25
	508 x 406 x 203		432 x 330	375 x 448		572 x 480	89	76	—	438
A20D208	20.00 x 20.00 x 8.00	A20P20	17.00 x 17.00	14.75 x 21.62	4	22.50 x 22.88	3.50	3.00	—	21.25
	508 x 508 x 203		432 x 432	375 x 549		572 x 581	89	76	—	540
A24D208	24.00 x 20.00 x 8.00	A24P20	21.00 x 17.00	18.75 x 21.62	4	26.50 x 22.88	3.50	3.00	—	21.25
	610 x 508 x 203		533 x 432	476 x 549		673 x 581	89	76	—	540
A24D2410	24.00 x 24.00 x 10.00	A24P24	21.00 x 21.00	18.75 x 25.62	4	26.50 x 26.88	3.50	3.00	—	25.25
	610 x 610 x 254		533 x 533	476 x 651		673 x 683	89	76	—	641
A30D2410	30.00 x 24.00 x 10.00	A30P24	27.00 x 21.00	24.75 x 25.62	6	32.50 x 26.88	3.50	3.00	12.38	25.25
	762 x 610 x 254		686 x 533	629 x 651		826 x 683	89	76	314	641
A36D2410	36.00 x 24.00 x 10.00	A36P24	33.00 x 21.00	30.75 x 25.62	6	38.50 x 26.88	3.50	3.00	15.38	25.25
	914 x 610 x 254		838 x 533	781 x 651		978 x 683	89	76	391	641
A36D3012	36.00 x 30.00 x 12.00	A36P30	33.00 x 27.00	30.75 x 31.62	6	38.50 x 32.88	3.50	3.00	15.38	31.25
	914 x 762 x 305		838 x 686	781 x 803		978 x 835	89	76	391	794
A48D3612	48.00 x 36.00 x 12.00	A48P36	45.00 x 33.00	42.75 x 37.62	8	50.50 x 38.88	3.50	3.00	14.25	37.25
	1219 x 914 x 305		1143 x 838	1086 x 956		1283 x 988	89	76	362	946

Purchase panels separately.

