

### COMPOSITE PANELS FOR JUNCTION BOXES AND UL/NEMA WALL-MOUNT ENCLOSURES

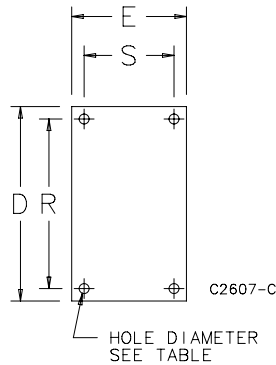
Manufactured from light-brown, reinforced phenolic laminate sheet stock. This material has exceptional strength and chemical resistance, which makes it ideally suited for the most corrosive environments. Composite panels are intended for use in corrosion-resistant enclosures. Panel sizes are available for junction boxes and UL/NEMA size enclosures. Composite panels may be drilled

and tapped but work equally as well with self-threading or thread-cutting screws. Refer to the table for recommended mounting specifications.

**BULLETIN: PNLC**

Standard Product

Catalog Number	Panel Size D x E in./mm	R in./mm	S in./mm	Hole Dia. in./mm	Panel Thickness in./mm
A6P4C	4.88 x 2.88 124 x 73	4.25 108	2.25 57	0.25 6	0.12 3
A6P6C	4.88 x 4.88 124 x 124	4.25 108	4.25 108	0.25 6	0.12 3
A8P6C	6.75 x 4.88 171 x 124	6.25 159	4.25 108	0.25 6	0.12 3
A10P8C	8.75 x 6.88 222 x 175	8.25 210	6.25 159	0.25 6	0.12 3
A12P10C	10.75 x 8.88 273 x 226	10.25 260	8.25 210	0.25 6	0.19 5
A14P12C	12.75 x 10.88 324 x 276	12.25 311	10.25 260	0.25 6	0.19 5
A16P14C	14.75 x 12.88 375 x 327	14.25 362	12.25 311	0.25 6	0.19 5
A18P16C	16.75 x 14.88 425 x 379	16.25 413	14.25 362	0.25 6	0.19 5
A20P16C	17.00 x 13.00 432 x 330	15.25 387	11.25 286	0.50 13	0.19 5
A20P20C	17.00 x 17.00 432 x 432	15.25 387	15.25 387	0.50 13	0.19 5
A24P20C	21.00 x 17.00 533 x 432	19.25 489	15.25 387	0.50 13	0.19 5
A24P24C	21.00 x 21.00 533 x 533	19.25 489	19.25 489	0.50 13	0.19 5
A30P24C	27.00 x 21.00 686 x 533	25.25 641	19.25 489	0.50 13	0.19 5



### Composite Panel Mounting Recommendations

Screw Type	Screw Size	Hole Size in./mm	Max. Insertion Torque (lb.) in 0.12 in. Material	Max. Insertion Torque (lb.) in 0.19 in. Material	Max. Load (lb. per screw) in 0.12 in. Material	Max. Load (lb. per screw) in 0.19 in. Material
Machine (tapped hole)	8-32	.136 3	15	25	40	45
Machine (tapped hole)	10-32	.161 4	15	25	35	40
Machine (tapped hole)	1/4-20	.204 5	20	25	30	35
Thread Cutting Type T	8-32	.144 4	15	25	40	45
Thread Cutting Type T	10-32	.166 4	15	25	35	40
Thread Cutting Type T	1/4-20	.288 7	20	25	30	35
Sheet Metal A-B	8-32	.147 4	Not recommended	10	40	45
Sheet Metal A-B	10-32	.166 4	Not recommended	10	35	40
Sheet Metal A-B	1/4-20	.221 6	Not recommended	15	30	35