

Overview

Our premium polycarbonate enclosures are the most durable, aesthetically pleasing, non-metallic Nema UL rated enclosures available. Our enclosures are able to house PLC's, gateways, fuse blocks, din-mounted power supplies, pressure transducers and other I/Os. Our enclosures are supplied seamless, ready for conduit and wireway holes to be drilled.

Main Features

- Standard color – light gray with a gloss finish.
- Best material – bases, opaque covers and clear covers are all made of high-impact, UV resistant polycarbonate.
- Flexible interior mounting – features the unique and patented Integra adjustable depth “T-Rail” back panel mounting system (back panel and adjustable brackets sold separately).
- Features multiple bosses for easy installation of devices and DIN rails.
- UL-50 / c-UL Listed (files # E229365, # E207562)

Specifications

Mechanical and Thermal

- Instrumented Dart Impact @ 73°F – 565 in/lb
- Falling Ball Impact @ 73°F – 900 in/lb
- Deflection Temperature @ 264 psi - 270°F
- Modulus of Elasticity – 3.4×10^5 lb/in²
- Temperature Range -40 to 265°F

Industry Standards

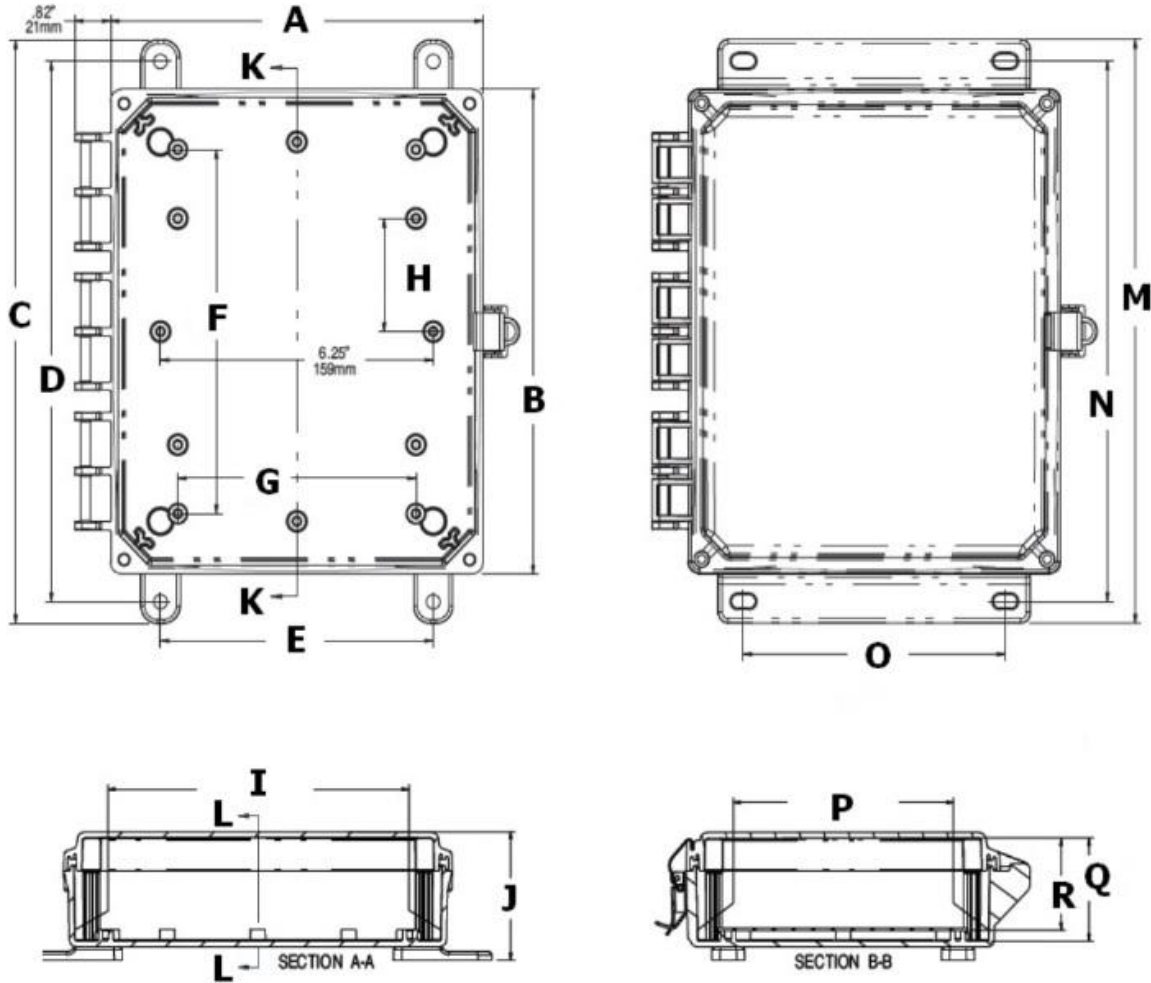
- UL-50/c-UL Type 4X/6P Listed (file #E207562)
- IP 66/68
- Flame Rating – UL, 5VA. Test Spec UL-94
- Outdoor UV Exposure - F1 Test Spec UL



Available Sizes

- ACPNL01, 10x8x2 - accommodates ACC7001/02 and ACC7020/22
- ACPNL02, 12x10x4 - accommodates ACC7001/02, ACC7020/22, ACC7050/52, ACGW001, ACGW002, ACGW003 and ACGW004
- ACPNL04, 14x12x6 - accommodates ACC7001/02, ACC7020/22, ACC7050/52, ACGW001, ACGW002, ACGW003 and ACGW004

Mechanical Dimensions



	A	B	C	D	E	F	G	H
ACPNL01	8.54"/277mm	10.54"/268mm	12.69"/322mm	11.75"/298mm	6.25"/159mm	7.92"/201mm	5.46"/159mm	2.46"/62mm
ACPNL02	10.54"/268mm	12.54"/319mm	13.69"/348mm	12.75"/324mm	8.00"/203mm	6.25"/159mm	8.25"/210mm	2.56"/65mm
ACPNL04	12.25"/320mm	14.58"/370mm	15.68"/399mm	14.75"/375mm	10.00"/254mm	10.25"/254mm	10.25"/254mm	2.50"/64mm

	I	J	M	N	O	P	Q	R
ACPNL01	9.94"/253mm	3.30"/84mm	12.69"/322mm	11.75"/298mm	6.00"/152mm	7.94"/202mm	2.66"/68mm	2.38"/61mm
ACPNL02	12.01"/305mm	5.35"/136mm	13.69"/348mm	12.75"/324mm	8.00"/203mm	10.01"/254mm	4.71"/120mm	4.23"/107mm
ACPNL04	13.91"/353mm	7.38"/187mm	16.95"/431mm	16.01"/407mm	9.88"/251mm	11.91"/303mm	6.66"/169mm	6.18"/157mm