



LAUREL
ELECTRONICS, INC.

1/8 DIN Wall-Mount Enclosure

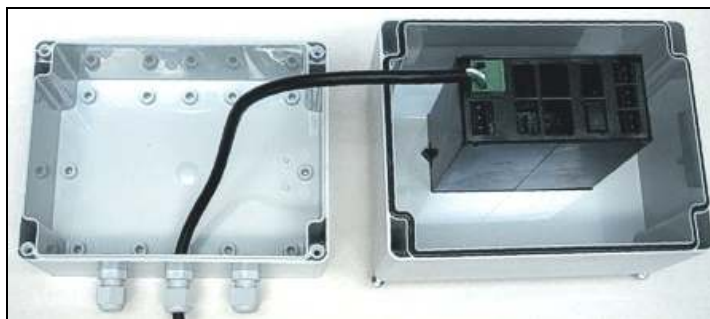
Allows one 1/8 DIN meter to be bulkhead mounted.
Environmentally sealed to IP65 / NEMA-4X.



Features

- Sealed on all sides to IP65 / NEMA-4X
- Includes 1/8 DIN cutout
- Includes three 0.24" (6.1 mm) cable glands
- For 1/8 DIN instruments up to 5.30" (134 mm) deep
- Impact resistant polycarbonate
- Stainless steel hardware
- Easy to mount
- Sold as BOX2 with Model IPC IP67 / NEMA-4X splash-proof cover to protect 1/8 DIN meters from front.

Description



View into housing.

Models BOX1 is a wall-mount / bulkhead enclosure which provides environmental protection to IP65 / NEMA-4X for a 1/8 DIN instrument. It comes with a 1/8 DIN (45 x 92 mm) panel and accommodated instruments up to 134.5 mm (5.30") deep. This includes all 1/8 DIN instruments by Laurel Electronics and most 1/8 DIN instruments by other manufacturers.

The instrument compartment is sealed on all sides. The two clamshell halves of the case are joined by an O-ring. The rear mounting holes are outside of the sealed compartment. Wire feedthroughs are via three sealed cable glands, which accept cables up to 6.1 mm (0.24") in diameter. Captive stainless steel screws and high-impact polycarbonate provide durability.

The panel cutout can be expanded by the user up to 150 x 71 mm (5.90" x 2.80") or 131 mm x 110 mm (5.16" x 4.33") to accommodate instruments larger than 1/8 DIN. Internal molded standoffs with a height of 6.5 mm (0.25") can be snapped off by the user if required.

Environmental Protection to IP65 / NEMA-4X

If the front panel of the instrument already provides environmental protection to IP65 / NEMA-4X from the front, such as the Laureate Series, then the entire instrument will be protected IP65 / NEMA-4X once it is installed in Model BOX1.



*Box2 wall-mount enclosure with IPC splash-proof cover.
Suitable for 1/8 DIN instruments up to 160 mm deep.*

If the front panel of the instruments does not provide environmental protection, but the instrument fits in a 1/8 DIN panel cutout (45 x 92 mm), Model BOX1 may be ordered with the IPC Splashproof Cover as Model BOX2, illustrated below. The combination of Models BOX and IPC will provide IP65 / NEMA-4X protection to 1/8 DIN instruments regardless of manufacturer, provided that the instrument depth is less than 134.5 mm (5.30").



Specifications

Dimensions	
Width, external	158 mm (6.22")
Height, external	120 mm (4.72") + 20 mm (0.79") for glands
Depth, external	160 mm (6.30")
Instrument cutout	45 x 92 mm (1.77" x 3.62") for 1/8 DIN instrument
Maximum depth	134.5 mm (5.30") for 1/8 DIN instrument
Mounting holes	4 ea. spaced 147.5 mm (5.80") horizontal, 88 mm (3.46") vertical, 4.0 mm (3/16") diameter.
Materials	
Enclosure	Polycarbonate
Screws	Stainless steel

Ordering Guide

BOX1	NEMA-4X wall-mount enclosure with one 1/8 DIN cutout.
BOX2	BOX1 wall-mount enclosure plus IPC splash-proof cover.