

JACE® Enclosures



Overview

New Enclosures for Din-Rail mounted products.

The JACE Enclosures are available in two sizes to meet many mounting needs for JACE products that are DIN-rail mounted. The two sizes are 12" x 18" x 4" and 12" x 28" x 4" nominal overall. Included in each is a 24 VAC step-down transformer to provide the AC input for the JACE or one of the power supply option modules. In addition, each enclosure has permanently mounted din-rail for mounting of the JACE 2 or 6 and their associated accessory modules. Threaded studs are integrated into the back

of the enclosure for attaching cable shields from field signal/sensor cables. It is also possible to mount lengths of plastic "wire duct" if desired over these threaded studs. Also available are two "half-size" backplates for mounting auxiliary devices such as relays signal conditioners, etc., where desired. A 120 volt convenience outlet is also include inside the enclosure for test equipment power.

Features

- Two sizes - 12" x 18" x 4" and 12" x 28" x 4" nominal overall
- Permanent DIN-rail for mounting of JACE and associated modules
- ½" and ¾" knockouts are provided on all sides of the enclosures to facilitate wiring from any location
- Integral threaded studs (#6 x 3/8") for attaching cable shields for noise immunity
- Optional perforated backplates for mounting auxiliary devices such as relays transducers, transmitters, etc.
- Integral "loops" on enclosure back to facilitate wire-tying cables to the enclosure for effective cable management
- Wire-duct may be mounted on the integral threaded studs if desired (wire-duct not included), Panduit 644-G1X1.5LG6-1 recommended
- Internal mounted 24 VAC, 20 VA rated transformer included in both enclosures
- A combination breaker / switch (5 Amp) is provided to allow shutting down of the connected equipment for service
- Large enclosure (12" x 28" x 4") will support the JACE-2 or 6 and up to 4 IO-16 modules plus the Power Supply module
- Small enclosure (12" x 18" x 4") will support the JACE-2 or 6 and one IO-34 module
- Integral 120 Volt AC convenience outlet is provided for powering test equipment
- Wall mounting via four "dimpled holes in the back of the enclosure eases mounting on uneven walls
- Doors are "lift-off" style to allow easy access during mounting and wiring of devices within the enclosures
- Door is provided with a 1/4 – turn locking fastener
- A locking tab is also provided to allow a lock to be added for additional security

- Incoming power is terminated to an internal screw-terminal strip to facilitate connections to the AC power source
- Incoming power can be converted to 240 Volts AC with wiring changes as noted in the installation guide for use with the NPB-PWR-UN universal power supply module; the convenience outlet would have to be deactivated if this option is taken
- Enclosures are painted in "Tridium Blue" with a textured finish for durability
- These enclosures are NEMA 1 and UL Listed Type 1 Enclosure

Ordering Information

Part Number	Description
ENC-001	Enclosure with 24 VAC Transformer 12" x 18" x 4"
ENC-BKP-1	Optional perforated backplate with mounting hardware 8" x 11" (may be cut to size as required)
ENC-002	Enclosure with 24 VAC Transformer 12" x 28" x 4"
ENC-BKP-2	Optional perforated backplate with mounting hardware 11" x 11" (may be cut to size as required)

Specifications

Part Number	Dimensions	Weight	Switch/Breaker/Outlet Ratings
ENC-001	12" wide X 18" high X 4" deep (nominal)	20 Lbs.	Switch / Breaker is rated at 5 Amps, 120 VAC
ENC-002	12" wide X 28" high X 4" deep (nominal)	24 Lbs.	Outlet is rated at 15 Amps (not switched by Breaker)

Agency Listings

- UL Listed Type 1
- NEMA 1 Category