

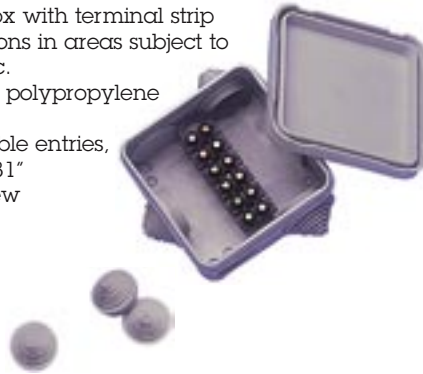
Electrical Installation Accessories

Thru-Dex Waterproof Junction Boxes and Feed-Through Fittings

PX Series

- Waterproof junction box with terminal strip for electronic connections in areas subject to spray, washdowns, etc.
- Rugged, non-corrosive polypropylene housing
- "Universal" cut-to-fit cable entries, diameter range: .14 -.81"
- Brass compression screw terminals
- Wire gauge: 16 AWG

Model	Terminals
PX-1	6 pair
PX-2	12 pair
PX-3	18 pair



BX Series

- Splash proof junction box with terminal strip
- Rugged cast aluminum box and cover with enamel finish
- Multiple rubber grommet cable entries
- Brass compression screw terminals

Model	Terminals	Wire Gauge
BX-1	6 pair	16 AWG
BX-2	12 pair	16 AWG
BX-3	22 pair	14 AWG



CCX Series

- Create a 100% waterproof seal when routing cables through communication huts, cabinets, etc.
- Allow installation/removal with connector still attached
- Rugged weatherproof nylon with neoprene seal
- Entry hole predrilled

Model	Cable Dia. Range	Max Conn. Dia.
CCX-R	.47"-.59"	1.57"
CCX-S	.35"-.55"	.83"
CCX-T	.18"-.35"	.83"



DX Series

- Similar to CCX Series except installer drills holes in seal to accommodate cable(s)
- Multiple cables may be routed through a single fitting

Connector Model	Drill-Thru Aperture	Max Diameter
DX-2	1.2"	1.2"
DX-3	1.65"	1.65"
DX-5*	2.0"	2.0"

*Aluminum Housing



Bus Bars

- Heavy duty 500 amp nickel-plated copper bus with 5/16" studs on insulating base (reinforced nylon resin) with clear protective cover
- BB-2: 2 studs * BB-2/8: 2 studs plus 8 x # 8 screws
- BB-5: 5 studs * BB-8: 8 studs
- BBA-800 - rackmount see page 15



Connector Strips

- Molded nylon strips with 12 pair brass compression screw terminals
- May be cut to suit installation
- CS-1: 16 AWG wire, 6 amps max
- CS-2: 14 AWG wire, 10 amps max



Terminal Strips

- Nickel-plated brass strips on insulating base
- # 8 screw terminals; rated to 100 amps
- Order with or without insulating cover
- TS-2x4: 8 terminals
- TS-2x8: 16 terminals



Battery Integrators & Isolators

Battery Integrators

The Battery Integrator enables charging of two separate banks from a single source, yet maintains 100% isolation at all other times. A voltage comparator circuit and low resistance contactor act as a "smart" switch, connecting independent battery banks only when a charging voltage is present, then disconnecting them for selective discharge. Because diodes are not used, there is no voltage drop



BI-100: 12 volts, 100 amps max
BI-24-100: 24 volts, 100 amps max

Battery Isolators

Heavy duty isolators allow charging multiple batteries automatically from one or two alternators and prevent discharge from one battery bank to another. Each battery is charged according to need without overcharging. Rated for 12-48 volt negative ground systems.

Models*: 1-2-70; 1-3-70; 1-2-120; 1-3-120; 2-3-70; 2-3-120; 1-3-165.

* Model # Key:
 Alternator
 Inputs-Battery
 Bank Outputs-
 Alternator Amps



NOTE: These battery isolators are not compatible with self exciting alternators. Please consult the manufacturer of your alternator if you are unsure of your configuration.



Powering the Network