OCA-P181610

Outdoor Cabinet Assembly

18 x 16 x 10" Polycarbonate Enclosure for Outdoor Switches

Transition Networks' Outdoor Cabinet Assembly is a high impact resistant polycarbonate enclosure with a hinged cover that permits a 225° door swing and allows for easy door removal during installation or maintenance. The door is secured by two stainless steel latches that are bolted in place (providing more security than pop rivets or slide-on latches) and can be further secured with pad locks (not included). The 18" x 16" x 10" cabinet is deep enough to protect the bend radius of fiber cables connected to nearly any Transition Networks temperature hardened switch when mounted in the enclosure. A liquid tight vent plug is included to prevent condensation inside the enclosure.

Inside the cabinet, the OCA-P181610 includes two 15" DIN rails for easily mounting switches, media converters, power supplies and other communications equipment (sold separately). One entry port for routing power wires (a receptacle can be added by installer if desired) and 10 data cable entry ports with cord grips (each data cord grip accommodates two cables) are pre-installed in the cabinet. The enclosure also includes a ground terminal block with four push-in connections on each DIN rail to protect against lightning or other surges in power to the enclosure. Red and black feed-through terminal blocks are provided for terminating low voltage DC positive and negative wires within the enclosure. Blue and white feed-through terminal blocks are provided for AC mains line and neutral/line connections. End caps are also included for added safety. The enclosure includes mounting feet for mounting on a wall or side of building and optional brackets are available for mounting on 2-6" diameter poles.

The enclosure includes a magnetic door contact switch which can be wired to digital input/outputs on Transition Networks switches or our optional Enclosure Door Contact Alarm to provide alerts when the enclosure door has been opened. The EDCA-DIO-01 mounts easily on the DIN rails or to the side of the cabinet with optional wall mount brackets. Optional fiber management trays (SESPM-4P-FMT) are available for managing fiber cable, if needed.

Ordering Information

OCA-P181610
Outdoor cabinet with vent, (2) DIN rails, (2) ground terminal blocks and (1) each low voltage DC positive and negative and AC mains line and neutral/line terminal block, plus (1) power and (10) data wire glands

Optional Accessories (sold separately)

OCA-PMK-26
Outdoor Switch Enclosure Pole Mount Bracket Kit for 2-6" diameter pole (optional)
 *Contact our experts for more information

Complimentary Products
(sold separately)

SISPM1040-384-LRT-C
Managed Hardened Gigabit Ethernet PoE+ Switch with (8) 10/100/1000Base-T PoE+ Ports + (4) 100/1000Base-X SFP Slots

SISPM1040-582-LRT
Managed Hardened Gigabit Ethernet PoE++ Switch with (8) 10/100/1000Base-T PoE++ Ports + (2) 100/1000Base-X SFP Slots

PS-DC-DUAL-5624T
345W Dual Industrial Power Supply, 24VDC + 56VDC

EDCA-DIO-01
Enclosure Door Contact Alarm, DIN Rail Mount

WMB-EDCA
Enclosure Door Contact Alarm Wall Mount Bracket

SESPM-4P-FMKIT
Fiber Management Tray, accommodates (2) splices

Features

- Light weight, high impact resistant polycarbonate cabinet
- Wide swing or removable hinge for easy access
- Bolted latches
- Vent to prevent condensation inside enclosure
- Wall or pole mount (optional)
- Enclosure door contact alarm (optional)
- Fiber management trays (optional)
- Wide operating temperature range
- Made in USA

Specifications

Dimensions	Width: 16.91" [429.51 mm] Depth: 11.5" [292.1 mm] Height: 19.69" [500.13 mm]
Weight	15.15 lbs. [6.87 kg]
DIN Rails	(2) 35mm DIN (1.39" x 15")
Instrumented Dart Impact @ 73°F	565 in lb
Deflection Temperature @ 264 psi	270°F
Modulus of Elasticity	34 ksi
Tensile Strength Temperature Range	-40 to 265°F
Environment	Operating: -40° to +70°C (inside enclosure) External Operating: -40°C to +50°C
Flame Rating – UL 94	5VA
Outdoor UV Exposure – UL	1
Certifications	Consists of UL compliant components Cabinet UL 50/cUL listed File E229365/E207562; NEMA 4X/IP66 Vent plug UL/cUL recognized File E330194; approved for use in IP65/67/68 applications Wire glands UL/cUL recognized File E51579; approved for NEMA 4, 4X, 6 and 6P applications Ground terminal blocks UL/cUL recognized File E 60425

Switches