

ENSTO

MODPC181PN

Distribution enclosure 18mod

Code	MODPC181PN
GTIN	6438100199982
Name	Distribution enclosure 18mod Ensto Modulo
Description	For 18 modules 1 row, with smoke-grey hinged window, metric knockouts, DIN rails and N/PE rails, PC Ensto Modulo distribution thermoplastic weatherproof high IP enclosures with hinged transparent window. The enclosures are equipped with pre-mounted DIN-rail system and N/PE busbar terminals. With Modulo, almost all kind any type of electrical distribution system is easy to build.
Vendor	Ensto Finland Oy CE



Technical specification

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Content:	Enclosure base, cover with hinged window, cover screws, pre-mounted DIN rails, pre-mounted N/PE busbars, cover plate, marker
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Dimensions

Weight:	1.879 kg
Width:	418 mm
Volume :	17293 cm ³
Size:	418 x 286 x 148 mm
Height:	286 mm
Depth:	148 mm

Temperatures

Operating temperature:	-25 ... +70 °C
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Ambient temperature : Maximum value +40 °C Minimum value -25 °C

Humidity: up to 100% RH at 25 °C

Electrical values

Load capacity: 5,4kg

Power Dissipation: 27W (T.amb/T.rise; 20 °C / 15 °C) 45W (T.amb/T.rise; 30 °C / 25 °C)

Max. Rated Insulation Voltage: 1000V AC; 1500V DC (only enclosure). Busbar Max.V AC=400V

Materials

Base: Polycarbonate

Cover: Polycarbonate

Cover screws: Polyamide

Gasket: Polyurethane

Material selection: Polycarbonate

Colors

Color: Grey

Color code: RAL7035

Features

Knockouts: 24 x M20, 16 x M25, 4 x M32, 2 x M40, 2 x side M25/M32/M25

Connectors: N

Mechanical

Impact strength: IK 08

Certificates

Standards: IEC 62208

Ratings

Degree of protection: IP65

Flammability rating: UL 94 HB

Protection class: II

Glow wire test : 650 °C

ETIM 7: EC000058 Empty cabinet

US specific

Width inch: 16.46 in

Depth inch: 5.83 in

Height inch: 10.55 in

Operating temperature °F: -77 ... 158 °C

Weight pound: 4.14 lb

Size inch: 16.46 x 11.26 x 5.83 in

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Height:	286 mm
Suitable for outdoor use:	true
Material housing:	Plastic
Mounting method:	Surface mounted (plaster)
Number of conduit inlets:	4
Colour:	Grey
Transparent cover/door:	true
With mounting plate:	false
Number of modules:	18
RAL-number:	7035
Extension possible:	true
Impact strength:	IK08
Type of door:	Single
Depth:	148 mm
Protection class:	II
Width:	418 mm
Degree of protection (IP):	IP65
Suitable for lightning protection:	false
Number of rows:	1
Surface protection:	Untreated
Type of cover:	Door
Internal depth:	50.5 mm
With lock:	true
Cover model:	With notch

Packaging

Default package

Unit:	PCS
Size:	4
Length:	585 mm
Width:	425 mm
Height:	320 mm
Weight (brt):	8.325 kg
Volume:	79.56

Pallet package

Unit:	PCS
Size:	80