Ref: CDN18PT/RR

Serie Ecology

IP65 Surface boxes

IP65 ABS distribution box 1x18 modules. Transparent door N&E



Features

Application:	Industrial (watertight and distribution enclosures),Renewable energies
Suitable for outdoor installation:	Yes
Type of installation:	Surface
Material Quality:	ABS

Modular capacity

Capacity/Number of modules:	18
Number of rows:	1x18

Technical data

Protection degree:	IP65
Resistance to impact:	IK08
Glow wire resistance (ºC):	650
Ball pressure test (°C):	70
Maximum material temperature (ºC):	+80
Double insulation:	Class II

Dimensions

Piece dimensions - HxWxD (mm):	286 x 418 x 148
Top cable entry (mm):	12xM20-6xM25-2xM32-1xM40
Lower cable entry (mm):	12xM20-6xM25-2xM32-1xM40
Internal cable entry (mm):	4xM25
Rear Oblong (mm):	2xOB 25/32/25

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Additional features

Door/window/lid type:	Transparent
Reversible door:	Yes
UV protection:	Yes
Number of doors:	1
Lock type:	Snap closure
No. of locks:	1
Lock - Key Type:	Without key Possibility of lock with key (ref. 92150) or 8 mm triangular lock (ref. 22069), available as optional accessories
Sealable:	Yes
Linkable:	Yes
Neutral and earth bars:	Yes
Neutral and protective conductor cross-section (mm²):	8x(2,5-6)+8x(4-10)+1x(10-25)+1x(16-35)
Includes DIN Rail:	Yes
Plate:	No
Adjustable Plate:	No
Perforated Plate:	No

Materials

Halogen-free materials:	Yes
Body/Base Material:	ABS
Frame material:	ABS
Door/Lid/Window Material:	Polycarbonate (PC)
Lock material:	Acetal resin
Base color:	Grey RAL 7035
Frame color:	Grey RAL 7035
Door color:	Smoked

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Electrical properties

Maximum voltage (V): 1000 AC / 1500 DC

Maximum permissible current (A): 125

Power dissipation:

Power dissipation P(W) as a function of temperature increase ΔT (°C)				
20	25	30	35	40
23.1	28.9	34.7	40.4	46.2

Data calculated according to IEC TR 60890 using the method for verifying temperature rise in low-voltage switchgear and controlgear assemblies.

Certificates and regulations

Directive: 2014/35/EU

Standards: UNE-EN 62208,UNE-EN 61439-1

Packaging

Supply: Supplied in individual packaging When several items are sent together, they are bundled together with transparent film
TH35x75 symmetrical rail in enclosures with one row of modules and a compact frame in enclosures with two or more rows of modules They are supplied assembled in all references
Accessory bag:
Hermetic caps
Cover-base locking screws
Grey module cover (6 modules)
Module identification strips

Individual Packaging Type: Box

UoM Packaging - Individual: Unit

Minimum Selling Quantity: 4

Individual packaging dimensions - HxWxD (m): 0.291 x 0.428 x 0.167

Net weight per unit (kg): 2.145

Gross weight per unit (kg): 2.359

Codes

GTIN-13 code: 8431044062822

Tariff code: 85381000

ETIM code 9.0: EC000214

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Downloads (links)

Product drawing STP (URL):	https://ideelectric.com/docs/plans/stp/CDN18PTRR.stp
Product drawing DXF (URL):	https://ideelectric.com/docs/plans/dxf/CDN18PTRR.dxf
Product drawing (PDF):	https://ideelectric.com/docs/plans/pdf/CDN18PTRR.pdf
Assembly instructions:	https://assemblysteps.org/qr/92809