Ref: CDN4G/R

Serie Ecology

IP65 Surface boxes

IP65 ABS distribution box 1x4 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:	4
Number of rows:	1x4

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):	177 x 102 x 105
Top cable entry (mm):	1xM25

Additional features

Door/window/lid type:	Transparent
Reversible door:	No

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UV protection:	Yes
Number of doors:	1
Sealable:	Yes
Linkable:	Yes
Neutral and earth bars:	Yes
Neutral and protective conductor cross-section (mm²):	1x(16-35)+5x(10-25)
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)
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

Power dissipation:

Power dissipation P(W) as a function of temperature increase ΔT (°C)				
20	25	30	35	40
5.0	6.2	7.5	8.7	10.0

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: Wrap

UoM Packaging - Individual: Unit

Minimum Selling Quantity: 15

Individual packaging dimensions - HxWxD (m): 0.177 x 0.102 x 0.105

Net weight per unit (kg): 0.47

Gross weight per unit (kg): 0.517

Codes

GTIN-13 code: 8431044285436

Tariff code: 85381000

ETIM code 9.0: EC000214

Downloads (links)

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Product drawing STP (URL):	https://ideelectric.com/docs/plans/stp/CDN4GR.stp
Product drawing DXF (URL):	https://ideelectric.com/docs/plans/dxf/CDN4GR.dxf
Product drawing (PDF):	https://ideelectric.com/docs/plans/pdf/CDN4GR.pdf
Assembly instructions:	https://assemblysteps.org/qr/93056