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Worldwide English



D250-CI48-NA - Cap, transparent smoky gray, HxWxD=750x375x150mm, NA model



011906 D250-CI48-NA

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011906 D250-CI48-NA

Cap, transparent smoky gray, HxWxD=750x375x150mm, NA model

EL-Nummer (Norway)

2502108

Cover transparent smoky, UL approved, degree of protection IP65, patented cover fasteners with integrated overpressure compensation, sealable cover fasteners, continuous foamed gasket, mounting depth with mounting plate=250mm, can be used for CI bases E, X and V, lock mechanism type: actuation with tools (not accessible to unqualified personnel)

- [Delivery program](#)
- [Design verification as per IEC/EN 61439](#)
- [Technical data ETIM 7.0](#)

Delivery program

Product range
xEnergy Safety CI
Basic function
Basic enclosures
Product function
Enclosure covers for North America
Accessories
Enclosure cover NA
Single unit/Complete unit
Modular system
Standards
UL508A
Description
Sealable cover fasteners
Protection type
IP65
Type cover
Transparent, smoky gray
Mounting depth:
250 mm
For use with
U-CI48...

Design verification as per IEC/EN 61439

Technical data for design verification

Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890 Individual enclosure for wall mounting [P_v]
40 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890 Starting enclosure for wall mounting [P_v]

38 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890Middle enclosure for wall mounting [P_v]

35 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890Individual enclosure for wall mounting [P_v]

80 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890Starting enclosure for wall mounting [P_v]

75 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890Middle enclosure for wall mounting [P_v]

70 W

IEC/EN 61439 design verification

10.2 Strength of materials and parts10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects

850 °C; meets the product standard's requirements.

10.2 Strength of materials and parts10.2.4 Resistance to ultra-violet (UV) radiation

Not relevant to indoor installations.

10.2 Strength of materials and parts10.2.5 Lifting

40 kg per enclosure with support frame and lifting aid met, assembled and secured as per the latest applicable instruction leaflet.

10.2 Strength of materials and parts10.2.6 Mechanical impact

IK10

10.2 Strength of materials and parts10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of ASSEMBLIES

IP65, with base unit

10.4 Clearances and creepage distances

Is the panel builder's responsibility.

10.5 Protection against electric shock

Protection class 2, therefore not applicable.

10.6 Incorporation of switching devices and components

Is the panel builder's responsibility.

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.8 Connections for external conductors

Is the panel builder's responsibility.

10.9 Insulation properties10.9.2 Power-frequency electric strength

U_i = 1000 V AC

10.9 Insulation properties10.9.3 Impulse withstand voltage

8 kV

10.9 Insulation properties10.9.4 Testing of enclosures made of insulating material

Meets the product standard's requirements.

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

10.11 Short-circuit rating

Is the panel builder's responsibility.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility.

10.13 Mechanical function

Meets the product standard's requirements.

Technical data ETIM 7.0

Cabinet enclosures (EG000011) / Top-/floor cover element (enclosure/switchgear cabinet) (EC000744)

Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Roof element (electrical cabinet) / Top cover/top cover element (electrical cabinet) (ecl@ss10.0.1-27-18-24-05 [ACN616011])

Suitable for roof planking

No

Suitable for bottom planking

No

Width
375 mm
Height
750 mm
Depth
150 mm
Suitable for enclosure building width
0 mm
Suitable for enclosure building depth
0 mm
Material
Plastic
Surface finishing
Untreated
Colour
Other
RAL-number
0
With de-aeration
No
Suitable for outdoor set-up
Yes
With cable entry
No

Additional product information

- [model certification xEnergy Safety Qi](#)
(Web)
- [Save time – we assist you with expert pre-assembly](#)
(Web)
- [product information xEnergy Safety Qi](#)
(Web)

Product photo



Declaration of Conformity

EU

- [DA-DC-2013-01-31_Ci_RoHS](#)
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