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Worldwide English



U-CI44X - Base, smooth sides, HxWxD=375x375x120mm



067401 U-CI44X

[Overview](#) [Specifications](#) [Resources](#)



067401 U-CI44X

Base, smooth sides, HxWxD=375x375x120mm

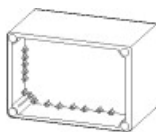
EL-Nummer (Norway)

2502272

Individual enclosure base x, material characteristic polycarbonate, impact-resistant, smooth sides, without knockouts, for any drilling dimensions, wall thickness=6.5mm, RAL 7035, direct mounting to the wall possible without further accessories

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

Delivery program



Product range
xEnergy Safety Ci
Basic function
Basic enclosures
Product function
Enclosure bases
Accessories
Individual enclosure bottoms
Single unit/Complete unit
Modular system
Standards
EN 62208
EN 61439-2
Description
Smooth sides
Without knockouts
Model base
Plain
Dimensions
Width

375 mm
Height
375 mm
Cable entry
Top and bottom
Drill as required
Transverse
Drill as required

Notes

Flanges □#024355
Distance frame for C45... □#110103

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]

23 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]

22 W

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

21 W

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

47 W

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

45 W

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

42 W

IEC/EN 61439 design verification

10.2 Strength of materials and parts 10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects

960 °C; meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation

Not relevant to indoor installations.

10.2 Strength of materials and parts 10.2.5 Lifting

20 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 parts 10.2.6 Mechanical impact

IK10

10.2 Strength of materials and parts 10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of ASSEMBLIES

IP65, with cover

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 properties 10.9.2 Power-frequency electric strength

U_i = 1000 V AC

10.9 Insulation properties 10.9.3 Impulse withstand voltage

8 kV

10.9 Insulation properties 10.9.4 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

Distribution boards (EG000023) / Empty cabinet (EC000058)

Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Empty cabinet (small distribution board) (ec1@ss10.0.1-27-14-24-08 [ACN385011])

Mounting method

Surface mounted (plaster)

Type of cover

Optional

Cover model

Closed

Type of door

None

Transparent cover/door

No

With lock

No

Nominal current (In)

1600 A

Height

375 mm

Width

375 mm

Depth

125 mm

Built-in depth

250 mm

Internal depth

100 mm

Plate thickness cabinet

9 mm

Plate thickness door/cover

6 mm

Colour

Grey

RAL-number

7035

Number of modules

1

Number of rows

0

Width in number of modular spacings

15

Number of openings for flange plates

0

Extension possible

No

Number of conduit inlets

0

Material housing

Plastic

Surface protection

Other

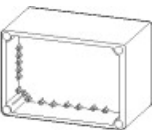
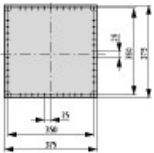
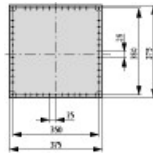
With mounting plate

No

Suitable for outdoor use

Yes

Other



Asset
(PDF, Language independent)

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