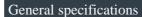
Eaton 187356

Catalog Number: 187356

Eaton xComfort IKA LV systems Final Distribution Boards. IKA professional distribution board, IP65 + clamps + mounting plate for built-in sockets, 1/12





Eaton xComfort IKA control series

EAN

4015081824144

Product Height

436 mm

Product Weight

2.83 kg

Certifications

IEC/EN 60670-24 IEC/EN 62208 Catalog Number

187356

Product Length/Depth

147 mm

Product Width

310 mm

Compliances

RoHS conform



Product specifications

Used with

Basic device

Installation distribution board

IKA standard distribution board

Special features

IP65

Protection Class II

Plastic enclosure gray (RAL

7035)

Type

Basic device

IKA standard distribution

board

Installation distribution board

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.

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

650 °C; meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Not relevant to indoor installations.

10.2.5 Lifting

Resources

Brochures

 $eaton\text{-}xcomfort\text{-}compact\text{-}distribution\text{-}boxes\text{-}brochure\text{-}br014015en\text{-}enus.pdf}$

Catalogs

eaton-xcomfort-compact-distribution-catalog-ca015004en-en-us.pdf

Certification reports

eaton-xcomfort-ika-declaration-of-conformity-251017-en-us.pdf

Declarations of conformity

DA-DC-03_IKA-PWVAS

DA-DC-03_xComfort_IKA

Drawings

eaton-lighting-xcomfort-ika-lv-systems-dimensions.eps

Installation instructions

IL014018ZU

Does not apply to enclosures without lifting aids. 10.2.6 Mechanical impact IK08 10.2.7 Inscriptions Meets the product standard's requirements. 10.3 Degree of protection of assemblies IP65 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. 10.9.2 Power-frequency electric strength Ui = 1000 V AC 10.9.3 Impulse withstand voltage 3.3 kV 10.9.4 Testing of enclosures made of insulating material Meets the product standard's requirements. Fitted with: Current circuit designation Neutral-/protective conductor terminal Sealing caps Basic device Device support rails **Enclosure material** Plastic Built-in height 0 mm Built-in width 0 mm Cable entry postion Cable entries on top and bottom, side, back plate Terminal type

Screw terminals Built-in depth 127 mm Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890) 30 W Closure type Other Cover/door color Transparent Cover/door model Closed Cover/door type Door Single RAL-number 7035 Width in number of modular spacings 12 Ambient operating temperature details -5 °C - 40 °C Application Indoor (installation site) Voltage rating at AC 415 V AC Color Gray Light gray (RAL 7035) Number of rows 1 Frequency rating of contacts 50 Hz Module rack type Single-rail Degree of protection

Number of module space units per row

IK08 (impact resistance)

IP65

Protection class

II (totally insulated)

Protective shrouding material

Plastic

Functions

Extension possible

Basic device

Material

ABS (plastic)

Mounting method

DIN-rail

Surface mounted (plaster)

Surface mounting

Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)

59 W

Internal depth

50.5 mm

PE and N terminal number and cross section

N: 6 x (2.5 mm² - 6 mm²) + 6 x (4 mm² - 10 mm²) + 1 x (10 mm² -25 mm²) + 1 x (16 mm² - 35 mm²) PE: 6 x (2.5 mm² - 6 mm²) + 6 x (4 mm² - 10 mm²) + 1 x (10 mm² - 25 mm²) + 1 x (16 mm² - 35 mm²)



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