Specifications

# Eaton 111695



## Catalog Number: 111695

Eaton xEffect CS LV systems Switch- & Controlgear Enclosure. Wall enclosure with mounting plate, HxWxD=600x500x150mm

### General specifications

**Product Name**
Eaton xEffect CS enclosure single door

**Catalog Number**
111695

**EAN**
4015081112548

**Product Length/Depth**
150 mm

**Product Height**
600 mm

**Product Width**
500 mm

**Product Weight**
15.48 kg

**Compliances**
RoHS conform
UL 508A; CSA-C22.2 No.14; IEC/EN 62208; CE marking
UL CSA09 (may be provided with metal sub-panel, no back mounted components are allowed between sub-panel and the back sheet metal enclosure)

**Certifications**
UL CSA08 (request filed)
UL (Category Control Number NITW)
UL (File No. E336299)
In accordance with Directive 2015/863/EU of the European Parliament and Council
IEC/EN 62208

**Catalog Notes**
Foamed polyurethane sealing throughout. Impact resistance category IK10 to EN 62262. Sheet steel mounting plate. Bottom plate with foamed gasket. Single door, door stop on the right, door opening angle 120°. Door hinge pins with quick chang

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## Product specifications

### Used with

Industrial control panels

### Special features

Enclosed, foamed gasket
Foamed polyurethane sealing throughout.
Impact resistance category IK10 to EN 62262.
Sheet steel mounting plate
Bottom plate with foamed gasket.
Single door, door stop on the right, door opening angle 120°
Door hinge pins with quick change technology.
Standardized locking system with sash fastener.
Powder coating RAL 7035 inside and outside
Lock, 3 mm double ward key
Including M6 threaded welded studs for earth conductor connections in the door
Side plates without apertures
Top plate without apertures

### Type

Wall-mounting housing CS
Wall-mounting housing with mounting plate

### Features

Wall build in
Pole fastening

### 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.

## Resources

### Brochures

eaton-xeffect-cs-new-features-fl015002zu.pdf

### Catalogs

eaton-xeffect-cs-enclosure-catalog-fk4300-1178gb-en-us.pdf

### Certification reports

eaton-xeffect-cs-enclosure-declaration-of-conformity-en-us.pdf

### Declarations of conformity

DA-DC-03_xEffect_CS

### Installation instructions

IL2521

### mCAD model

DA-CS-cs88_200_111695

DA-CD-cs88_200

### 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

Meets the product standard's requirements.

### 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

### 10.2.5 Lifting

Does not apply to enclosures without lifting aids.

### 10.2.6 Mechanical impact

IK10

### 10.2.7 Inscriptions

Meets the product standard's requirements.

### 10.3 Degree of protection of assemblies

IP66

### 10.4 Clearances and creepage distances

Is the panel builder's responsibility.

### 10.5 Protection against electric shock

< 0.1 Ω; meets the product standard's requirements.

### 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

Does not apply to basic enclosures as defined in EN 62208.

### 10.9.4 Testing of enclosures made of insulating material

Does not apply to metal enclosures.

### Fitted with:

Mounting plate

Including M6 threaded welded studs for earth conductor connections in the door:

Cover

Door

### Surface finishing

Gloss

Powder coating

Structured powder spray polyester based paint finish

Semi-textured

### Climatic proofing

Damp heat, constant, to IEC 60068-2-78; Damp heat, cyclical, to IEC 60068-2-30

### Degree of protection

12 (NEMA)

IP66

IEC: IP66, indoor; UL/CSA Types 1, 12, indoor only.

IP23 (with ventilating plates)

IK10

IK10 (impact resistance)

### Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)

42 W

### Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)

37 W

### Heat diss. ambient 35°C delta T:20°C wall mount starting encl. top (IEC 60890)

39 W

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

85 W

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

77 W

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

81 W

### Material quality

Other

Color

Gray

Light gray (RAL 7035)

Cover/door type

Door hinges on the right, can be converted by user

Closed

Standard closure 3 mm double-ward key (door interlock)

Permissible load of the mounting plate according to IEC 62208 - max

2000 N

Number of hinges

2

Number of locks

2

RAL-number

7035

Thickness of mounting plate

2 mm

Weight of mounted components - max

275 kg

Ambient operating temperature details

-25 °C - 40 °C

Design type

Canted and seam welded, including two M6 threaded bolts for earth conductor connections inside the enclosure.

Material

Steel

Steel plate

Mounting method

Wall fastening

9 mm drilling dimensions for wall mounting (Back plate)

Intermediate mounting

Functions

Floor standing enclosure

Installation type

Floor standing wall model

Cover/door angle

120° door opening angle

Cover/door profile

2 door profiles

### Installation site

Indoor installation

### Flange plate dimensions

112 mm x 332 mm

### Surface treatment

Structured powder spray polyester based paint finish

### Heat diss. wall mount individual encl. top

42 W

### Heat diss. wall mount middle encl. top

37 W

### Heat diss. wall mount starting encl. top

39 W

### Load capacity (door)

25 kg

### Material thickness (body)

1.2 mm

### Material thickness (bottom plate)

2 mm

### Material thickness (door)

1.5 mm

### Mounting plate height

570 mm

### Mounting plate width

450 mm

### Number of covers/doors

1

### Load capacity (mounting plate)

500 kg payload, when brackets fitted in all four enclosure corners (vertically or horizontally) and the weights are symmetrically distributed within the enclosure.
250 kg

### Suitable for

Metrical mounting

### Mounting plate material

Sheet steel, hot-galvanized

### Permissible load of the enclosure according to IEC 62208 - max

2250 N

Permissible load of the door(s) according to IEC 62208 - max

250 N

Thermal dissipation (Delta T = 20 K) according to IEC/TR 60890

42 W

Number of connector holes

0

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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