

## INDUSTRIAL COMPONENT DATA

# BC-U-1/8-ECO 280353 Y7-280353 EATON ELECTRIC ECO Compact distribution board, flush mounting, 1-rows, 8 MU, I..

Brand: EATON - MOELLER | Manufacturer Part Number: BC-U-1/8-ECO



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | EATON - MOELLER          |
| MPN / Reference | BC-U-1/8-ECO             |
| Catalog number  | Y7-280353                |
| Category        | Small distribution board |
| Minimum order   | 1 Pcs                    |
| Document ID     | EO-9FA204C24B            |
| Generated       | 2026-08-05               |

## Product Overview

ECO Compact distribution board, flush mounting, 1-rows, 8 MU, IP40

BC-U-1/8-ECO

Eaton xComfort ECO LV systems Final Distribution Boards. ECO Compact distribution board, flush mounting, 1-rows, 8 MU, IP40

ECO Compact distribution board, flush mounting, white RAL9003, IP40 degree of protection to IEC/EN 62208, 8 module units, 1-row, protection class 2, totally insulated, approved for building service distribution boards in accordance with IEC/EN 61439-3 VDE 0660-600-3, enclosure completely made of ABS, for installing switching and protective devices, in accordance with dimension standard DIN 43 880, with an installation depth of 70 mm, AC 400 V, RoHS-compliant, consisting of a plastic base with a top hat DIN-rail made of galvanized sheet steel, finger-proof IP2X neutral and protective conductor terminals, knockout cable entries on top and bottom, top with 46-mm device opening, transparent hinged flap flush with the front and featuring open-position latching, operator only with screw closures, top with sealable bottom, including inscription labels.

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                              |
|--------------|----------------------------------------------|
| Catalog path | EATON - MOELLER > Compact Distribution Boxes |
|--------------|----------------------------------------------|

## Additional Product Information

General specifications

Product Name Eaton xComfort ECO LV systems Final Distribution Boards Catalog Number 280353 Model Code

BC-U-1/8-ECO EAN 4015082803537 Product Length/Depth 105 mm Product Height 195 mm Product Width 195 mm

Product Weight 0.49 kg Compliances RoHS conform Certifications EN 62208 Delivery program

Type Basic device ECO distribution board Installation distribution board Application Indoor (installation site) Color Signal white (RAL 9003)

White Technical data - electrical

Voltage rating at AC 400 V AC Frequency rating of contacts 50 Hz Technical data - mechanical

Closure type Other Enclosure material Plastic Width in number of modular spacings 8 Mounting method Flush mounting Flush mounted (plaster)

DIN-rail Material ABS (plastic) Degree of protection IP40

IK05 (impact resistance) Number of module space units per row 8 Number of rows 1 Terminal type Screw terminals PE and N terminal number and cross section N: 8 x 10 mm<sup>2</sup>

PE: 8 x 10 mm<sup>2</sup> Built-in depth 70 mm Built-in height 0 mm Built-in width 0 mm Internal depth 98 mm Cable entry position

Cable entry ribs on top and bottom Cover/door color Transparent Cover/door model Closed Cover/door type Door

Single Module rack type Single-rail Protective shrouding material Plastic Design verification as per IEC/EN 61439 - technical data

Ambient operating temperature details -20 °C - 70 °C Design verification as per IEC/EN 61439

10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of ther...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / BC-U-1/8-ECO with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

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