

## INDUSTRIAL COMPONENT DATA

# BC-O-3/54-ECO 280351 Y7-280351 EATON ELECTRIC ECO Compact distribution board, surface mounted, 3-rows, 18 MU..

Brand: EATON - MOELLER | Manufacturer Part Number: BC-O-3/54-ECO



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | EATON - MOELLER          |
| MPN / Reference | BC-O-3/54-ECO            |
| Catalog number  | Y7-280351                |
| Category        | Small distribution board |
| Minimum order   | 1 Pcs                    |
| Document ID     | EO-CC2FE63056            |
| Generated       | 2026-08-02               |

## Product Overview

ECO Compact distribution board, surface mounted, 3-rows, 18 MU, IP40

BC-O-3/54-ECO

Eaton xComfort ECO LV systems Final Distribution Boards. ECO Compact distribution board, surface mounted, 3-rows, 18 MU, IP40

ECO Compact distribution board, surface mounted, white RAL9003, IP40 degree of protection to IEC/EN 62208, 18 module units, 3-rows, 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 for metric 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 280351 Model Code

BC-O-3/54-ECO EAN 4015082803513 Product Length/Depth 795 mm Product Height 105 mm Product Width 415 mm

Product Weight 4.6 kg Compliances RoHS conform Certifications EN 62208 Delivery program

Type 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 18 Mounting method Surface mounting DIN-rail

Surface mounted (plaster) Material ABS (plastic) Degree of protection IP40

IK05 (impact resistance) Number of module space units per row 18 Number of rows 3 Terminal type Screw terminals PE and N terminal number and cross section PE: 3 x (18 mm<sup>2</sup> x 10 mm<sup>2</sup>)

N: 3 x (18 mm<sup>2</sup> x 10 mm<sup>2</sup>) Built-in depth 70 mm Built-in height 0 mm Built-in width 0 mm Internal depth 90 mm Cable entry position Metric cable entries 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 Temperature-rise verification as per IEC 60890 Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890) 38 W Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890) 77 W Design verification as per IEC/EN 61439 - technical data

Ambient oper...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / BC-O-3/54-ECO with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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