# Характеристики







## Eaton 280353

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

| Загальні характеристики | |
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| **PRODUCT NAME** | Eaton xComfort ECO LV systems Final Distribution Boards |
| **CATALOG NUMBER** | 280353 |
| **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 |
| **MODEL CODE** | BC-U-1/8-ECO |

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## Додаткова інформація

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| **FITTED WITH:** | Neutral-/protective conductor terminal<br>Device support rails<br>Basic device |
| **FUNCTIONS** | Basic device<br>Sealable |
| **PROTECTION CLASS** | II (totally insulated) |
| **RAL-NUMBER** | 9003 |
| **SPECIAL FEATURES** | • IP40<br>• Protection Class II<br>• Plastic housing white (RAL 9003) |
| **USED WITH** | ECO distribution board<br>Basic device<br>Installation distribution board |

## Програма доставки

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| **APPLICATION** | Indoor (installation site) |
| **COLOR** | Signal white (RAL 9003)<br>White |
| **TYPE** | • Basic device<br>• ECO distribution board<br>• Installation distribution board |

## Перевірка відповідності проектним вимогам згідно зі стандартом IEC/EN 61439

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| **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** | 850 °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** | Does not apply to enclosures without lifting aids. |
| **10.2.6 MECHANICAL IMPACT** | IK05 |
| **10.2.7 INSCRIPTIONS** | Meets the product standard's requirements. |
| **10.3 DEGREE OF PROTECTION OF ASSEMBLIES** | IP40 |
| **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** | Is the panel builder's |

## Перевірка відповідності проектним вимогам згідно зі стандартом IEC/EN 61439 — технічні дані

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| **AMBIENT OPERATING TEMPERATURE DETAILS** | -20 °C - 70 °C |

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| **ELECTRICAL CIRCUITS AND CONNECTIONS** | responsibility. |
| **10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS** | Is the panel builder's responsibility. |
| **10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH** | Ui = 400 V AC |
| **10.9.3 IMPULSE WITHSTAND VOLTAGE** | 3.75 kV |
| **10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL** | Meets the product standard's requirements. |

## Technical data - electrical

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| **FREQUENCY RATING OF CONTACTS** | 50 Hz |

## Technical data - mechanical

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| **BUILT-IN DEPTH** | 70 mm |
| **CABLE ENTRY POSTION** | Cable entry ribs on top and bottom |
| **CLOSURE TYPE** | Other |
| **COVER/DOOR COLOR** | Transparent |
| **COVER/DOOR MODEL** | Closed |
| **COVER/DOOR TYPE** | Door<br>Single |
| **DEGREE OF PROTECTION** | IP40<br>IK05 (impact resistance) |
| **ENCLOSURE MATERIAL** | Plastic |
| **INTERNAL DEPTH** | 98 mm |
| **MATERIAL** | ABS (plastic) |
| **MODULE RACK TYPE** | Single-rail |
| **MOUNTING METHOD** | Flush mounting<br>Flush mounted (plaster)<br>DIN-rail |
| **NUMBER OF MODULE SPACE UNITS PER ROW** | 8 |
| **NUMBER OF ROWS** | 1 |
| **PE AND N TERMINAL NUMBER AND CROSS SECTION** | N: 8 x 10 mm²<br>PE: 8 x 10 mm² |
| **PROTECTIVE SHROUDING MATERIAL** | Plastic |
| **TERMINAL TYPE** | Screw terminals |
| **WIDTH IN NUMBER OF MODULAR SPACINGS** | 8 |

| Ресурси | |
|---|---|
| БРОШУРИ | eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf |
| ІНСТРУКЦІЇ ЩОДО ВСТАНОВЛЕННЯ | eaton-xcomfort-eco-installation-leaflet-il014002zu.pdf |
| КРЕСЛЕННЯ | eaton-lighting-xcomfort-eco-lv-systems-dimensions-017.eps<br>eaton-lighting-xcomfort-eco-lv-systems-dimensions-009.eps |

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| **НАЗВА ПРОЕКТУ:** | |
| **НОМЕР ПРОЕКТУ:** | |
| **ПІДГОТУВАВ:** | |
| **ДАТА:** | |

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