# Specifications








## Eaton 174621

Eaton DE1 Configuration module for configuring ramp time, Motor protection, terminal mode of operation for DE1 variable speed starter

### General specifications

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| **PRODUCT NAME** | Eaton DXE Configuration module |
| **CATALOG NUMBER** | 174621 |
| **MODEL CODE** | DXE-EXT-SET |
| **EAN** | 4015081710768 |
| **PRODUCT LENGTH/DEPTH** | 34 mm |
| **PRODUCT HEIGHT** | 38 mm |
| **PRODUCT WIDTH** | 43 mm |
| **PRODUCT WEIGHT** | 0.03 kg |
| **CERTIFICATIONS** | CE<br>UL report applies to both US and Canada<br>IEC/EN61800-5<br>UL File No.: E172143<br>Certified by UL for use in Canada<br>UL Category Control No.: NMMS, NMMS7<br>UL Recognized<br>CSA-C22.2 No. 274<br>IEC/EN61800-3<br>UL 508C |

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## Climatic environmental conditions

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| **AMBIENT OPERATING TEMPERATURE - MAX** | 50 °C |
| **AMBIENT OPERATING TEMPERATURE - MIN** | -10 °C |

## Connection

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| **CONNECTION TYPE** | Plug-in connection |

## Design verification

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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. The specifications for the switchgear must be observed. |
| **10.12 ELECTROMAGNETIC COMPATIBILITY** | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| **10.13 MECHANICAL FUNCTION** | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |
| **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, since the entire switchgear needs to be evaluated. |
| **10.2.6 MECHANICAL IMPACT** | Does not apply, since the entire switchgear needs to be evaluated. |
| **10.2.7 INSCRIPTIONS** | Meets the product standard's requirements. |
| **10.3 DEGREE OF PROTECTION OF ASSEMBLIES** | Does not apply, since the entire switchgear needs to be evaluated. |
| **10.4 CLEARANCES AND CREEPAGE DISTANCES** | Meets the product standard's requirements. |
| **10.5 PROTECTION** | Does not apply, since the |

## Features & functions

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| **FITTED WITH:** | Selector switch for ramp time and operating mode<br>Potentiometer for motor protection and fixed frequency |

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| **AGAINST ELECTRIC SHOCK** | entire switchgear needs to be evaluated. |
| **10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS** | Does not apply, since the entire switchgear needs to be evaluated. |
| **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** | Is the panel builder's responsibility. |
| **10.9.3 IMPULSE WITHSTAND VOLTAGE** | Is the panel builder's responsibility. |
| **10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL** | Is the panel builder's responsibility. |

## General information

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| **ACCESSORY/SPARE PART TYPE** | Extension module |
| **PRODUCT CATEGORY** | Accessories |
| **SUITABLE FOR** | Branch circuits, (UL/CSA) |

## Resources

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|---|---|
| CATALOGUES | eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf<br><br>eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf |
| DECLARATIONS OF CONFORMITY | eaton-accessory-declaration-of-conformity-uk251310en.pdf<br><br>eaton-accessory-declaration-of-conformity-eu250827en.pdf |
| DRAWINGS | eaton-regulating-equipment-options-de1-accessory-dimensions.eps<br><br>eaton-regulating-equipment-options-de1-accessory-3d-drawing.eps |
| ECAD MODEL | ETN.DXE-EXT-SET |
| INSTALLATION INSTRUCTIONS | IL040020ZU |
| MANUALS AND USER GUIDES | eaton-de1-variable-speed-starter-manual-mn040011en-us.pdf |
| MCAD MODEL | eaton-accessories-mcad-drawings-dx-spl-rj45-2sl1pl.dwg<br><br>dx_spl_rj45_2sl1pl.stp |

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| **PROJECT NAME:** | |
| **PROJECT NUMBER:** | |
| **PREPARED BY:** | |
| **DATE:** | |

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