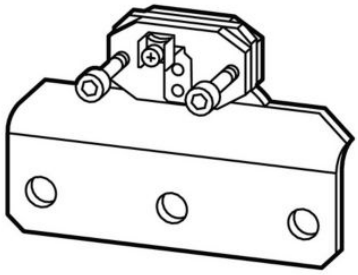
# Specifications



## Eaton 208292

Eaton Moeller® series DILM Paralleling link, for DILM185, (2 off)

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton Moeller® series DILM paralleling link |
| **CATALOG NUMBER** | 208292 |
| **MODEL CODE** | DILM185-XP1 |
| **EAN** | 4015082082925 |
| **PRODUCT LENGTH/DEPTH** | 60 mm |
| **PRODUCT HEIGHT** | 80 mm |
| **PRODUCT WIDTH** | 120 mm |
| **PRODUCT WEIGHT** | 1.45 kg |
| **COMPLIANCES** | CE |
| **CATALOG NOTES** | AC1 current carrying capacity of the open contactor increases by a factor of 2.5 |

## General

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| **ACCESSORY/SPARE PART TYPE** | Connecting bridge |
| **FITTED WITH:** | Cover for busbar tag shroud |
| **PRODUCT CATEGORY** | Accessories |
| **PROTECTION** | Protected against accidental contact in accordance to VDE 0106 part 100 |

## Climatic environmental conditions

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| **AMBIENT OPERATING TEMPERATURE - MIN** | -40 °C |
| **AMBIENT OPERATING TEMPERATURE - MAX** | 60 °C |

## Terminal capacities

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|---|---|
| **TERMINAL CAPACITY** | 2 x (0.75 - 2.5) mm², flexible with ferrule<br>2 x (0.75 - 4) mm², solid, Control circuit cables<br>2 x (20 x 32 x 0.5) mm (Number of segments x width x thickness), Flat conductor<br>1 x (0.75 - 2.5) mm², flexible with ferrule<br>2 x (11 x 21 x 1) mm (Number of segments x width x thickness), Flat conductor<br>1 x (0.75 - 4) mm², solid<br>1 x (6 x 16 x 0.8) mm (Number of segments x width x thickness), Flat conductor |
| **SCREW SIZE** | 5 mm AF, Hexagon socket-head spanner, Terminal screw |
| **TIGHTENING TORQUE** | 6 Nm, Screw terminal |

## AC-1/Conventional thermal current Ith

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| **CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1-POLE, OPEN)** | 700 A |

## Design verification

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| **EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID** | 0 W |
| **HEAT DISSIPATION CAPACITY PDISS** | 0 W |
| **HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID** | 0 W |
| **RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)** | 0 A |
| **STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS** | 0 W |
| **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 AGAINST ELECTRIC SHOCK** | Does not apply, since the 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. |

## Resources

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| BROCHURES | eaton-product-brochure-dilmdilh-power-contactors-brochure-br034010en-en-us.pdf |
| CATALOGUES | Product Range Catalog Switching and protecting motors |
| DECLARATIONS OF CONFORMITY | eaton-accessory-declaration-of-conformity-uk251304en.pdf<br>eaton-accessory-declaration-of-conformity-eu250821en.pdf |
| DRAWINGS | 210I152 |
| ECAD MODEL | ETN.DILM185-XP1 |
| INSTALLATION INSTRUCTIONS | eaton-contactor-accessories-dilm-x-il03406009z.pdf |
| MCAD MODEL | eaton-contactors-starters-accessories-mcad-drawings-dil-m185-xp1.dwg<br>eaton-contactors-starters-accessories-mcad-3d-models-dil-m185-xp1.stp<br>eaton-contactors-starters-accessories-3d-models-dil-m150-xp1.stp<br>eaton-contactors-starters-accessories-drawings-dil-m150-xp1.dwg |
| WIRING DIAGRAMS | eaton-contactors-dilm-paralleling-link-wiring-diagram-002.eps |

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|---|---|
| **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. |
| **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. |

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

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