# Eaton 116026

Eaton SWD4 Flat cable, SmartWire-DT, 100m, 8-Pole

## General specifications

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| **PRODUCT NAME** | Eaton SWD4 Accessory Flat cable |
| **CATALOG NUMBER** | 116026 |
| **EAN** | 4015081157662 |
| **PRODUCT LENGTH/DEPTH** | 350 mm |
| **PRODUCT HEIGHT** | 40 mm |
| **PRODUCT WIDTH** | 350 mm |
| **PRODUCT WEIGHT** | 3.5 kg |
| **CERTIFICATIONS** | CSA<br>UL File No.: E29184<br>CSA File No.: 2324643<br>UL Category Control No.: NKCR<br>CSA Class No.: 3211-07<br>UL |
| **MODEL CODE** | SWD4-100LF8-24 |

## Features & Functions

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| **FEATURES** | Longitudinal water blocking cable<br>UV resistant |
| **FUNCTIONS** | For connecting the SmartWire-DT modules within the control panel |

## General

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| **CABLE LENGTH** | 100 m |
| **NUMBER OF POLES** | Eight-pole |
| **OUTER DIAMETER - APPROXIMATE** | 17.5 mm |
| **OUTER SHEATH MATERIAL** | Polyvinyl chloride (PVC) |
| **PERMITTED BENDING RADIUS, MOVING APPLICATION WITH FORCED GUIDANCE - MIN** | 15 mm |
| **PRODUCT CATEGORY** | SmartWire-DT accessories |
| **SUITABLE AS** | Signaling cable |

## Climatic environmental conditions

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| **AMBIENT OPERATING TEMPERATURE - MIN** | -25 °C |
| **AMBIENT OPERATING TEMPERATURE - MAX** | 55 °C |

## Safety

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| **FLAME RETARDANT** | In accordance with EN 60332-1-2 |

## 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** | Meets the product standard's requirements. |
| **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. |

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| **BROSZURY** | eaton-smartwire-dt-intelligent-wiring-brochure-br120001en-en-us.pdf |
| **DEKLARACJE ZGODNOŚCI** | eaton-accessory-declaration-of-conformity-eu250516en.pdf |
| **INFORMACJE HANDLOWE** | eaton-electro-hydraulic-module-eu1h-flyer-fl120003en-en-us.pdf |
| **INSTRUKCJE MONTAŻU** | IL04716001Z |
| **MODELE ECAD** | DA-CE-ETN.SWD4-100LF8-24 |
| **RYSUNKI** | eaton-general-eu5e-i-o-module-symbol.eps<br><br>2723DRW-28<br><br>eaton-modular-plc-dimensions-017.eps<br><br>eaton-general-easy-control-relays-symbol-002.tif<br><br>eaton-general-approval-easy-control-relays-standards.jpg |

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| **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. |
| **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** | 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:** | |
| **DATA:** | |

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