

External device plug, SmartWire-DT, at ribbon cable for connection of SWD module

Part no. **SWD4-8SF2-5**
116022
 EL Number **4519788**
 (Norway)

| General specifications | |
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| Product name | Eaton SWD4 Accessory External device plug |
| Part no. | SWD4-8SF2-5 |
| EAN | 4015081157624 |
| Product Length/Depth | 17 millimetre |
| Product height | 36 millimetre |
| Product width | 15 millimetre |
| Product weight | 0.006 kilogram |
| Certifications | IEC/EN 61131-2 UL File No.: E29184 CSA Class No.: 3211-07 UL Category Control No.: NKCR CSA UL CSA File No.: 2324643 EN 50178 |
| Product Tradename | SWD4 |
| Product Type | Accessory |
| Product Sub Type | External device plug |
| Catalog Notes | not relevant |
| Features & Functions | |
| Functions | For connecting the ribbon cable to SmartWire-DT modules in the control panel |
| General information | |
| Degree of protection | IP20 (according to IEC/EN 60529, EN 50178, VBG 4) IP20 |
| Product category | SmartWire-DT accessories |
| Ambient conditions, mechanical | |
| Constant acceleration | 1 g, 8.4 - 150 Hz, according to IEC/EN 61131-2, Vibrations |
| Constant amplitude | 3,5 mm, 5 - 8.4 Hz, according to IEC/EN 61131-2, Vibrations |
| Mounting position | As required |
| Shock resistance | 15 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 11 ms, 9 Impacts |
| Climatic environmental conditions | |
| Air pressure | 795 - 1080 hPa (operation) |
| Ambient operating temperature - min | -25 °C |
| Ambient operating temperature - max | 55 °C |
| Ambient storage temperature - min | -40 °C |
| Ambient storage temperature - max | 70 °C |
| Climatic proofing | Dry heat to IEC 60068-2-2 Damp heat, constant, to IEC 60068-2-3 |
| Environmental conditions | Condensation: prevent with appropriate measures |
| Operating temperature - min | -25 °C |
| Operating temperature - max | 55 °C |
| Relative humidity | 5 - 95 % (non-condensing, IEC/EN 60068-2-30) |
| Electrical rating | |
| Power loss | 0 W |
| Communication | |
| Connection to SmartWire-DT | Yes |
| Connection type | Socket, 8-pole |
| Input/Output | |

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| Number of insertion cycles | | 200 |
| Design verification | | |
| Equipment heat dissipation, current-dependent Pvid | | 0 W |
| Heat dissipation capacity Pdis | | 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. |
| 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. |

Technical data ETIM 8.0

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| Programmable logic controllers PLC (EG000024) / Accessories/spare parts for controls (EC002584) | | |
| Electric engineering, automation, process control engineering / Display and control component / Panel (HMI) / Panel (HMI, accessories) (ec@ss10.0.1-27-33-02-92 [AFX005003]) | | |
| Type of electrical accessory/spare part | | Plug |
| Type of mechanical accessory/spare part | | Other |
| Accessory | | Yes |
| Spare part | | No |