

# Specifications

## Eaton 116021

Eaton SWD4 Link, SmartWire-DT, for bridging open mounting locations at M22-SWD-I



### General specifications

|                             |                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton SWD4 Accessory Link                                                                                            |
| <b>CATALOG NUMBER</b>       | 116021                                                                                                               |
| <b>MODEL CODE</b>           | SWD4-SEL8-10                                                                                                         |
| <b>EAN</b>                  | 4015081157617                                                                                                        |
| <b>PRODUCT LENGTH/DEPTH</b> | 10 mm                                                                                                                |
| <b>PRODUCT HEIGHT</b>       | 33 mm                                                                                                                |
| <b>PRODUCT WIDTH</b>        | 10 mm                                                                                                                |
| <b>PRODUCT WEIGHT</b>       | 0.002 kg                                                                                                             |
| <b>CERTIFICATIONS</b>       | CSA Class No.: 3211-07<br>CSA<br>UL<br>UL File No.: E29184<br>CSA File No.: 2324643<br>UL Category Control No.: NKCR |

## Climatic environmental conditions

|                                                |       |
|------------------------------------------------|-------|
| <b>AMBIENT OPERATING<br/>TEMPERATURE - MAX</b> | 70 °C |
|------------------------------------------------|-------|

|                                                |       |
|------------------------------------------------|-------|
| <b>AMBIENT OPERATING<br/>TEMPERATURE - MIN</b> | 70 °C |
|------------------------------------------------|-------|

## Communication

|                                       |     |
|---------------------------------------|-----|
| <b>CONNECTION TO<br/>SMARTWIRE-DT</b> | Yes |
|---------------------------------------|-----|

|                        |              |
|------------------------|--------------|
| <b>CONNECTION TYPE</b> | Front fixing |
|------------------------|--------------|

## Design verification

### 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.

### 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.

## Features & functions

### FUNCTIONS

For bridging open mounting locations for SWD4-8SF2-5 external device plugs

|                                                                      |                                        |
|----------------------------------------------------------------------|----------------------------------------|
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>             | Is the panel builder's responsibility. |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                      | Is the panel builder's responsibility. |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                      | Is the panel builder's responsibility. |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                              | Is the panel builder's responsibility. |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>      | Is the panel builder's responsibility. |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>            | 0 W                                    |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>                               | 0 W                                    |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>             | 0 W                                    |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b> | 0 A                                    |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>            | 0 W                                    |

## General information

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| <b>DEGREE OF PROTECTION</b> | IP20 (according to IEC/EN 60529, EN 50178, VBG 4)<br>IP20 |
| <b>PRODUCT CATEGORY</b>     | SmartWire-DT accessories                                  |

## Resources

|                            |                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROCHURES                  | <a href="#">eaton-smartwire-dt-intelligent-wiring-brochure-br120001en-en-us.pdf</a>                                                                              |
| CATALOGUES                 | <a href="#">eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf</a><br><a href="#">eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf</a> |
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-accessory-declaration-of-conformity-eu250516en.pdf</a><br><a href="#">eaton-accessory-declaration-of-conformity-uk250999en.pdf</a>             |
| DRAWINGS                   | 2723DIM-12<br><a href="#">eaton-general-easy-control-relays-symbol-002.tif</a>                                                                                   |

|                           |                                                                                                                                                                                                                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | <a href="#">eaton-modular-plc-device-swd4-link-3d-drawing.eps</a><br><br><a href="#">eaton-general-eu5e-i-o-module-symbol.eps</a><br><br><a href="#">eaton-general-approval-easy-control-relays-standards.jpg</a>                                                                                |
| ECAD MODEL                | <a href="#">ETN.SWD4-SEL8-10</a>                                                                                                                                                                                                                                                                 |
| INSTALLATION INSTRUCTIONS | <a href="#">IL04716001Z</a>                                                                                                                                                                                                                                                                      |
| INSTALLATION VIDEOS       | <a href="#">SmartWire-DT in Application</a>                                                                                                                                                                                                                                                      |
| MANUALS AND USER GUIDES   | <a href="#">MN05006002Z_EN</a>                                                                                                                                                                                                                                                                   |
| MCAD MODEL                | <a href="#">eaton-programmable-logic-controls-accessories-mcad-3d-models-bruecke-swd.stp</a><br><br><a href="#">eaton-programmable-logic-controls-accessories-mcad-drawings-bruecke-swd.dwg</a>                                                                                                  |
| MULTIMEDIA                | <a href="#">How to process SmartWire-DT modules using the EASY-COM-SWD-C1 module connected to an easyE4?</a><br><br><a href="#">easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator</a><br><br><a href="#">SmartWire-DT Overview and how to use in easySoft Z</a> |
| SALES NOTES               | <a href="#">eaton-electro-hydraulic-module-eu1h-flyer-fl120003en-en-us.pdf</a><br><br><a href="#">eaton-rmq-chemical-resistance-flyer-fl047011en-en-us.pdf</a>                                                                                                                                   |

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



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