Specifications

# Eaton 116032



## Catalog Number: 116032

Eaton SWD4 Housing bushing socket, SmartWire-DT, plug, M20, for SWD4-SF8 socket for round cable

### General specifications

**Product Name**
Eaton SWD4 Accessory Housing bushing socket

**Catalog Number**
116032

**EAN**
4015081157723

**Product Length/Depth**
144 mm

**Product Height**
24 mm

**Product Width**
24 mm

**Product Weight**
0.026 kg

**Certifications**
UL File No.: E29184
CSA Class No.: 3211-07
UL
UL Category Control No.: NKCR
CSA
CSA File No.: 2324643
EN 50178
IEC/EN 61131-2

**Catalog Notes**
not relevant

Powering Business Worldwide

## General

### Degree of protection

IP20 (according to IEC/EN 60529, EN 50178, VBG 4)

IP20

### Product category

SmartWire-DT accessories

## Ambient conditions, mechanical

### Mounting position

As required

## 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)

## Communication

### Connection type

Connection 2: SWD-OUT, 8 cables

Connection 1: M20 Plug, 8-pole

## Input/Output

### Number of insertion cycles

500

## Design verification

### 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.

### 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

## Resources

### Brochures

eaton-smartwire-dt-intelligent-wiring-brochure-br120001en-en-us.pdf

### Catalogs

eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

Product Range Catalog Drives Engineering

SmartWire-DT Catalog

### Declarations of conformity

DA-DC-00003868.pdf

DA-DC-00003537.pdf

### Drawings

eaton-modular-plc-swd4-accessory-dimensions.eps

eaton-modular-plc-swd4-accessory-3d-drawing-006.eps

### eCAD model

DA-CE-ETN.SWD4-SM8-20

### Installation instructions

IL04716001Z

### Installation videos

SmartWire-DT in Application

### Manuals and user guides

MN05006002Z_EN

### mCAD model

DA-CS-gehaeuse_stecker_swd

DA-CD-gehaeuse_stecker_swd

### Multimedia

easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

How to process SmartWire-DT modules using the EASY-COM-SWD-C1 module connected to an easyE4?

SmartWire-DT Overview and how to use in easySoft 7

### Sales notes

eaton-electro-hydraulic-module-eu1h-flyer-fl120003en-en-us.pdf

eaton-rmq-chemical-resistance-flyer-fl047011en-en-us.pdf

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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