Specifications

Eaton 116033



Catalog Number: 116033

Eaton SWD4 Plug-in connection, SmartWire-DT, for round cable, socket, flat, 8-Pole

General specifications

Product Name
Eaton SWD4 Accessory Plug-in connection

Catalog Number
116033

EAN
4015081157730

Product Length/Depth
45 mm

Product Height
18 mm

Product Width
18 mm

Product Weight
0.032 kg

Certifications
Request filed for UL and CSA

Catalog Notes
not relevant

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Features & Functions

Functions

For connection of 8-pole SWD4-…LR8-24 round cables

General

Degree of protection

IP67

IP67 (according to IEC/EN 60529, EN 50178, VBG 4)

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

90 °C

Ambient storage temperature - min

-40 °C

Ambient storage temperature - max

90 °C

Climatic proofing

Dry heat to IEC 60068-2-2

Damp heat, constant, to IEC 60068-2-3

Environmental conditions

Condensation: permissible

Operating temperature - min

-25 °C

Operating temperature - max

90 °C

Electrical rating

Power loss

0 W

Communication

Connection to SmartWire-DT

Yes

Connection type

M20 socket, 8-pole

Solder terminal

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

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.

Resources

Brochures

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

Catalogs

Product Range Catalog Drives Engineering

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

SmartWire-DT Catalog

Declarations of conformity

DA-DC-00003868.pdf

DA-DC-00003537.pdf

Drawings

eaton-modular-plc-dimensions-2723dim-21.eps

2723DRW-33

eCAD model

DA-CE-ETN.SWD4-SF8-67

Installation instructions

IL04716001Z

Installation videos

SmartWire-DT in Application

Manuals and user guides

MN05006002Z_EN

mCAD model

DA-CS-buchse_swd

DA-CD-buchse_swd

Multimedia

SmartWire-DT Overview and how to use in easySoft 7

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?

Sales notes

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

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



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