Specifications

Eaton 116029



Catalog Number: 116029

Eaton SWD4 Flat cable, SmartWire-DT, 10 m, 8-Pole, prefabricated with 2 blade terminals SWD4-8MF2

General specifications

Product Name
Eaton SWD4 Accessory Flat cable

Catalog Number
116029

EAN
4015081157693

Product Length/Depth
130 mm

Product Height
22 mm

Product Width
130 mm

Product Weight
0.345 kg

Certifications
CSA Class No.: 3211-07
UL
UL Category Control No.: NKCR
CSA
UL File No.: E29184
CSA File No.: 2324643

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Features & Functions

Features

Longitudinal water blocking cable

UV resistant

Fitted with:

2 blade terminals SWD4-8MF2

Functions

For connecting the SmartWire-DT modules within the control panel

General

Cable length

10 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

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

55 °C

Safety

Flame retardant

In accordance with EN 60332-1-2

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

Resources

Brochures

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

Catalogs

Product Range Catalog Drives Engineering

SmartWire-DT Catalog

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

Declarations of conformity

DA-DC-00003537.pdf

DA-DC-00003868.pdf

Drawings

eaton-modular-plc-swd4-flat-cable-dimensions.eps

eaton-modular-plc-swd4-flat-cable-3d-drawing.eps

eaton-general-easy-control-relays-symbol-002.tif

eaton-general-approval-easy-control-relays-standards.jpg

eaton-general-eu5e-i-o-module-symbol.eps

eCAD model

DA-CE-ETN.SWD4-10LF8-24-2S

Installation instructions

IL04716001Z

Installation videos

SmartWire-DT in Application

Manuals and user guides

MN05006002Z_EN

Multimedia

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

SmartWire-DT Overview and how to use in easySoft 7

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

Sales notes

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

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

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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