

Eaton 116023

Catalog Number: 116023

Eaton SWD4 Blade terminal, SmartWire-DT, on ribbon-cable end for connecting coordinator etc.

General specifications



Product Name	Catalog Number
Eaton SWD4 Accessory Blade terminal	116023
Model Code	EAN
SWD4-8MF2	4015081157631
Product Length/Depth	Product Height
8 mm	18 mm
Product Width	Product Weight
23 mm	0.002 kg
Certifications	Catalog Notes
UL File No.: E29184	not relevant
CSA	
CSA File No.: 2324643	
CSA Class No.: 3211-07	
UL Category Control No.: NKCR	
UL	

Product specifications

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.

Resources

Brochures

[eaton-smartwire-dt-intelligent-wiring-brochure-br120001en-en-us.pdf](#)

Catalogs

[SmartWire-DT Catalog](#)

[eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

[Product Range Catalog Drives Engineering](#)

Declarations of conformity

[DA-DC-00003868.pdf](#)

[DA-DC-00003537.pdf](#)

Drawings

[eaton-modular-plc-swd4-blade-terminal-dimensions.eps](#)

[eaton-operating-swd-swd4-blade-terminal-3d-drawing.eps](#)

[eaton-general-eu5e-i-o-module-symbol.eps](#)

[eaton-general-approval-easy-control-relays-standards.jpg](#)

[eaton-general-easy-control-relays-symbol-002.tif](#)

eCAD model

[ETN.SWD4-8MF2](#)

Installation instructions

[IL04716001Z](#)

Installation videos

[SmartWire-DT in Application](#)

Manuals and user guides

[MN05006002Z_EN](#)

mCAD model

[flachstecker_swd.stp](#)

[flachstecker_swd](#)

Multimedia

[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](#)

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

Sales notes

[eaton-rmq-chemical-resistance-flyer-fl047011en-en-us.pdf](#)

[eaton-electro-hydraulic-module-eu1h-flyer-fl120003en-en-us.pdf](#)

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

Specifications and datasheets

Eaton Specification Sheet - 116023

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.

Climatic proofing

Dry heat to IEC 60068-2-2

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

Connection to SmartWire-DT

Yes

Air pressure

795 - 1080 hPa (operation)

Environmental conditions

Condensation: prevent with appropriate measures

Mounting position

As required

Ambient operating temperature - max

105 °C

Ambient operating temperature - min

-25 °C

Ambient storage temperature - max

105 °C

Ambient storage temperature - min

-40 °C

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Heat dissipation per pole, current-dependent P_{vid}

0 W

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

Electrical accessory type

Plug

Connection type

Socket, 8-pole

Relative humidity

5 - 95 % (non-condensing, IEC/EN 60068-2-30)

Degree of protection

IP20

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

Mechanical accessory type

Other

Functions

For connecting the ribbon cable to the gateway, power feeder module, coupling, SWD4-RC8-10 bus termination resistor

Shock resistance

15 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 11 ms, 9 Impacts

Number of insertion cycles

200

Operating temperature - max

105 °C

Operating temperature - min

-25 °C

Rated operational current for specified heat dissipation (I_n)

0 A

Static heat dissipation, non-current-dependent P_{vs}

0 W

Product category

SmartWire-DT accessories

Power loss

0 W



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