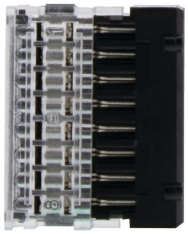
Specifications







Eaton 116023

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

General specifications	
PRODUCT NAME	Eaton SWD4 Accessory Blade terminal
CATALOG NUMBER	116023
MODEL CODE	SWD4-8MF2
EAN	4015081157631
PRODUCT LENGTH/DEPTH	8 mm
PRODUCT HEIGHT	18 mm
PRODUCT WIDTH	23 mm
PRODUCT WEIGHT	0.002 kg
CERTIFICATIONS	UL File No.: E29184 CSA CSA File No.: 2324643 CSA Class No.: 3211-07 UL Category Control No.: NKCR UL
CATALOG NOTES	not relevant
GLOBAL CATALOG	116023
PRODUCT TYPE	Accessory

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.
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.

Resources

BROCHURES	eaton-smartwire-dt-intelligent-wiring-brochure-br120001en-en-us.pdf
CATALOGS	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk250999en.pdf eaton-accessory-declaration-of-conformity-eu250516en.pdf
DRAWINGS	eaton-modular-plc-swd4-blade-terminal-dimensions.eps eaton-general-eu5e-i-o-module-symbol.eps eaton-operating-swd-swd4-blade-terminal-3d-drawing.eps
ECAD MODEL	ETN.SWD4-8MF2
INSTALLATION INSTRUCTIONS	IL04716001Z
INSTALLATION VIDEOS	SmartWire-DT in Application
MANUALS AND USER GUIDES	MN05006002Z_EN
MCAD MODEL	eaton-accessories-mcad-drawings-flachstecker-swd.dwg flachstecker_swd.stp
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-electro-hydraulic-module-eu1h-flyer-fl120003en-en-us.pdf eaton-rmq-chemical-resistance-flyer-fl047011en-en-us.pdf
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 116023

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 PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	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 (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	SmartWire-DT accessories
POWER LOSS	0 W

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.