

Specifications



Eaton 116034

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

General specifications

PRODUCT NAME	Eaton SWD4 Accessory Plug-in connection
CATALOG NUMBER	116034
MODEL CODE	SWD4-SM8-67
EAN	4015081157747
PRODUCT LENGTH/DEPTH	45 mm
PRODUCT HEIGHT	18 mm
PRODUCT WIDTH	18 mm
PRODUCT WEIGHT	0.03 kg
CERTIFICATIONS	Request filed for UL and CSA
CATALOG NOTES	not relevant



Powering Business Worldwide

Ambient conditions, mechanical

MOUNTING POSITION	As required
--------------------------	-------------

Climatic environmental conditions

AIR PRESSURE	795 - 1080 hPa (operation)
AMBIENT OPERATING TEMPERATURE - MAX	90 °C
AMBIENT STORAGE TEMPERATURE - MAX	90 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MIN	-40 °C
CLIMATIC PROOFING	Dry heat to IEC 60068-2-2 Damp heat, constant, to IEC 60068-2-3
ENVIRONMENTAL CONDITIONS	Condensation: permissible
OPERATING TEMPERATURE - MAX	90 °C
OPERATING TEMPERATURE - MIN	-25 °C

Communication

CONNECTION TO SMARTWIRE-DT	Yes
CONNECTION TYPE	M20 plug, 8-pole Solder terminal

Design verification

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.
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.
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

Electrical rating

POWER LOSS	0 W
-------------------	-----

General information

DEGREE OF PROTECTION	IP67 (according to IEC/EN 60529, EN 50178, VBG 4) IP67
-----------------------------	---

PRODUCT CATEGORY	SmartWire-DT accessories
-------------------------	--------------------------

Features & functions

FUNCTIONS	For connection of 8-pole SWD4-...LR8-24 round cables
------------------	--

Input/Output

NUMBER OF INSERTION CYCLES	500
-----------------------------------	-----

Resources

BROCHURES	eaton-smartwire-dt-intelligent-wiring-brochure-br120001en-en-us.pdf
CATALOGUES	eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk250999en.pdf eaton-accessory-declaration-of-conformity-eu250516en.pdf
DRAWINGS	eaton-modular-plc-connection-swd4-plug-in-connection-dimensions.eps eaton-modular-plc-connection-swd4-plug-in-connection-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.SWD4-SM8-67
INSTALLATION INSTRUCTIONS	IL04716001Z
INSTALLATION VIDEOS	SmartWire-DT in Application
MANUALS AND USER GUIDES	MN05006002Z_EN
MCAD MODEL	eaton-accessories-mcad-drawings-stecker-swd.dwg DA-CS-stecker_swd
MULTIMEDIA	SmartWire-DT Overview and how to use in easySoft Z How to process SmartWire-DT modules using the EASY-COM-SWD-C1 module connected to an easyE4? 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](#)

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.

