

IE-SWM-SL02-2GESFP+**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Features of SubstationLine managed switch series**

The SubstationLine includes Ethernet switches complying with the IEC 61850-3 and IEEE 1613 standards, making them robust enough for operation in harsh environments. The family includes variants for mounting on DIN rails and in 19" racks.

All products have a redundant power supply to ensure reliability in critical environments. The new family ranges from managed Fast Ethernet switches to 10-Gigabit Ethernet products with all the necessary features to operate according to the most demanding requirements.

- DIN-rail and 19" rack variants
- IEC 61850-3 and IEEE 1613 compliance
- PRP/HSR support according to Clause 4/Clause 5 of IEC 62439-3
- MMS server based on bridge model defined in IEC 61850-90-4
- Redundant power supply modules in all models
- Wide operating temperature range of -40°C up to 85°C
- Modular switch version with high flexibility in number and type of ports
- Fast/Gigabit/10-Gigabit interfaces
- Layer 3 models for hardware supported routing between up to 28 IP-subnets

General ordering data

Version	Media interface module for modular switch, 10-Gigabit Ethernet, Number of ports: 2x 10GBaseSFP+ slot, -40 °C...60 °C
Order No.	2779210000
Type	IE-SWM-SL02-2GESFP+
GTIN (EAN)	4064675048572
Qty.	1 pc(s).

IE-SWM-SL02-2GESFP+

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	136 mm	Depth (inches)	5.354 inch
Height	40.7 mm	Height (inches)	1.602 inch
Width	99 mm	Width (inches)	3.898 inch
Net weight	348 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...60 °C
Humidity	5 to 95 % (non-condensing)		

Environmental conditions

Humidity	5 to 95 % (non-condensing)		
Operating altitude	Altitude, max.	2,000 m	
	Note	in acc. with UL	
	Altitude, max.	6,000 m	
	Note	for restrictions, see the manufacturer's declaration for operating altitude in section downloads	
Operating temperature, max.	60 °C		
Operating temperature, min.	-40 °C		
Storage temperature, max.	85 °C		
Storage temperature, min.	-40 °C		

Guarantee

Time interval	5 years
---------------	---------

Interfaces

Fibre-optic ports	10GBaseSFP+ slot	Number of ports	2x 10GBaseSFP+ slot
-------------------	------------------	-----------------	---------------------

MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	3,814,097 h

Power supply

Voltage supply	via Ethernet switch
----------------	---------------------

Technical data

Housing main material	Metal	Speed	10-Gigabit Ethernet
Type of mounting	Insert in module slot M4		

Classifications

ETIM 6.0	EC000309	ETIM 7.0	EC000309
ETIM 8.0	EC000309	ETIM 9.0	EC000309
ECLASS 9.1	19-17-03-90	ECLASS 10.0	19-17-04-90
ECLASS 11.0	19-17-03-03	ECLASS 12.0	19-17-03-03
ECLASS 13.0	19-17-03-03		

IE-SWM-SL02-2GESFP+**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity RCM Declaration of Conformity UK Declaration of Conformity Manufacturer's declaration for operating altitude
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

IE-SWM-SL02-2GESFP+**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****SFP transceiver (for use with switches of Eco- Advanced- and SubstationLine)****Features of SFP-Transceiver series**

- Huge variety of transceiver types for several transmission speeds (up to 10 Gigabit Ethernet) and distances (up to 60 km)
- BiDi SFP models for communication via single fiber
- Easy control of transceiver status due to support of Digital Diagnostic Monitoring (DDM)
- Hot pluggable (during operation)
- Class 1 laser product, EN60825-1 compliant
- Applicable for switches of the Eco-, Advanced- and SubstationLine

General ordering data

Type	IE-SFP-10GE-MM-03	Version
Order No.	2779110000	SFP+ transceiver, 10 Gbps, Multimode, LC-Duplex, 0.3 km, -40 °C...85 °C
GTIN (EAN)	4064675048473	
Qty.	1 pc(s).	
Type	IE-SFP-10GE-SM-20	Version
Order No.	2779120000	SFP+ transceiver, 10 Gbps, Singlemode, LC-Duplex, 20 km, -40 °C...85 °C
GTIN (EAN)	4064675048480	
Qty.	1 pc(s).	
Type	IE-SFP-10GE-SM-40	Version
Order No.	2779130000	SFP+ transceiver, 10 Gbps, Singlemode, LC-Duplex, 40 km, -40 °C...85 °C
GTIN (EAN)	4064675048497	
Qty.	1 pc(s).	