

## IE-SWM-SL04-4GESFP

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://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 Ethenet 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, Gigabit Ethernet, Number of ports: 4x 1000BaseSFP slot, -40 °C...85 °C
Order No.	<a href="#">2779200000</a>
Type	IE-SWM-SL04-4GESFP
GTIN (EAN)	4064675048565
Qty.	1 items

## IE-SWM-SL04-4GESFP

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

## Approvals

Approvals



RoHS Conform

## Dimensions and weights

Depth	136 mm	Depth (inches)	5.3543 inch
Height	40.7 mm	Height (inches)	1.6024 inch
Width	99 mm	Width (inches)	3.8976 inch
Net weight	348 g		

## Temperatures

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

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7cl
REACH SVHC	Lead monoxide 1317-36-8

## Environmental conditions

Operating temperature, max.	85 °C
Operating temperature, min.	-40 °C
Humidity	5 to 95 % (non-condensing)
Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C
Operating altitude	<p>Altitude, max. 2000 m</p> <p>Note in acc. with UL</p> <p>Altitude, max. 6000 m</p> <p>Note for restrictions, see the manufacturer's declaration for operating altitude in section downloads</p>

## Guarantee

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

## Interfaces

Fibre-optic ports	1000BaseSFP-Slot	Number of ports	4x 1000BaseSFP slot
-------------------	------------------	-----------------	---------------------

## MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	4419625 h

## Power supply

Supply voltage	via Ethernet switch
----------------	---------------------

**IE-SWM-SL04-4GESFP**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Technical data****Technical data**

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

**Classifications**

ETIM 8.0	EC000309	ETIM 9.0	EC000309
ETIM 10.0	EC000309	ECLASS 14.0	19-17-03-03
ECLASS 15.0	19-17-03-03		

## IE-SWM-SL04-4GESFP

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Accessories

## SFP transceiver (for use with switches of Eco-, Advanced-, Substation and BasicLine series B)



## 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-1GE-MM-05	Version
Order No.	<a href="#">2682480000</a>	SFP Transceiver, 1000 Mbps, Multimode, LC-Duplex, 0.5 km, -40 °C...85 °C
GTIN (EAN)	4050118692235	
Qty.	1 ST	
Type	IE-SFP-1GE-MM-2	Version
Order No.	<a href="#">2682490000</a>	SFP Transceiver, 1000 Mbps, Multimode, LC-Duplex, 2 km, -40 °C...85 °C
GTIN (EAN)	4050118692228	
Qty.	1 ST	
Type	IE-SFP-1GE-SM-10	Version
Order No.	<a href="#">2682500000</a>	SFP Transceiver, 1000 Mbps, Singlemode, LC-Duplex, 10 km, -40 °C...85 °C
GTIN (EAN)	4050118692211	
Qty.	1 ST	
Type	IE-SFP-1GE-SM-40	Version
Order No.	<a href="#">2682510000</a>	SFP Transceiver, 1000 Mbps, Singlemode, LC-Duplex, 40 km, -40 °C...85 °C
GTIN (EAN)	4050118692204	
Qty.	1 ST	
Type	IE-SFP-1GE-SM-10-BIDI-T...	Version
Order No.	<a href="#">2682520000</a>	SFP Transceiver, 1000 Mbps, Singlemode BiDi, LC-Simplex, 10 km, -40 °C...85 °C
GTIN (EAN)	4050118692198	
Qty.	1 ST	
Type	IE-SFP-1GE-SM-10-BIDI-T...	Version
Order No.	<a href="#">2682530000</a>	SFP Transceiver, 1000 Mbps, Singlemode BiDi, LC-Simplex, 10 km, -40 °C...85 °C
GTIN (EAN)	4050118692181	
Qty.	1 ST	
Type	IE-SFP-1GE-SM-20-BIDI-T...	Version
Order No.	<a href="#">2682540000</a>	SFP Transceiver, 1000 Mbps, Singlemode BiDi, LC-Simplex, 20 km, -40 °C...85 °C
GTIN (EAN)	4050118692174	
Qty.	1 ST	
Type	IE-SFP-1GE-SM-20-BIDI-T...	Version
Order No.	<a href="#">2682550000</a>	SFP Transceiver, 1000 Mbps, Singlemode BiDi, LC-Simplex, 20 km, -40 °C...85 °C
GTIN (EAN)	4050118692167	
Qty.	1 ST	
Type	IE-SFP-1GE-RJ45	Version
Order No.	<a href="#">2766120000</a>	SFP Transceiver, 10/100/1000 MBit/s, RJ45, 0.1 km, -40 °C...85 °C
GTIN (EAN)	4064675023791	
Qty.	1 ST	