

## IE-SWM-SL04-4ST

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 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 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
- 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

### General ordering data

Version	Media interface module for modular switch, Fast Ethernet, Number of ports: 4x ST Multi-mode, -40 °C...85 °C
Order No.	<a href="#">2779190000</a>
Type	IE-SWM-SL04-4ST
GTIN (EAN)	4064675048558
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Depth	107 mm	Depth (inches)	4.213 inch
Height	40.7 mm	Height (inches)	1.602 inch
Width	99 mm	Width (inches)	3.898 inch
Net weight	425 g		

**Temperatures**

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

**Environmental conditions**

Humidity	5 to 95 % (non-condensing)	Operating altitude	≤ 2000 m
Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C

**Fibre optic transceiver characteristics**

Transmission rate	100 MBit/s		
Transceiver type	Multimode		
Connector type	ST-Duplex		
Transmission distance, typ.	2 km		
Wavelength	typ.	1,310 nm	
Receive power	min.	-31 dBm	
	max.	0 dBm	
Transmission power	min.	-23.5 dBm	
	max.	-14 dBm	
Link-budget	7.5 dB		

**Guarantee**

Time interval	5 years
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**Interfaces**

Fibre-optic ports	100BaseFX ports (ST connector), Multimode	Number of ports	4x ST Multi-mode
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**MTBF**

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	314,863 hrs

**Power supply**

Voltage supply	via Ethernet switch
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**Technical data**

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

Creation date November 4, 2021 1:31:05 AM CET

Catalogue status 22.10.2021 / We reserve the right to make technical changes.

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**Technical data**

**Classifications**

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

**Approvals**

ROHS	Conform
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**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity</a> <a href="#">RCM Declaration of Conformity</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>