

IE-SWM-SL04-4ST

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
- 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, Fast Ethernet, Number of ports: 4x ST Multi-mode, -40 °C...85 °C
Order No.	2779190000
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	348 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	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.	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 h

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Technical data**Power supply**

Voltage supply via Ethernet switch

Technical data

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

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	19170303		

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