

SWM-08GP/ SWM-04GF/ SWM-04FX/ SWM-04GP

Industrial Ethernet switch optical module (SFP/SFP+ & Fixed Fiber)

Features

- Designed for use with RGS-P(R)9000 series
- 8 × SFP slots (max.) for pluggable optical transceivers
- 4 × fixed optical Ethernet interfaces (fiber ports)
- Wide operating temperature ranges from -40 to 85°C



IEC 61850-3
Power Substation

Product Description

The SWM optical module expansion module is designed for ORing RGS-P(R)9000 series switches, providing flexible configuration options that support both pluggable SFP transceivers and fixed fiber Ethernet ports.

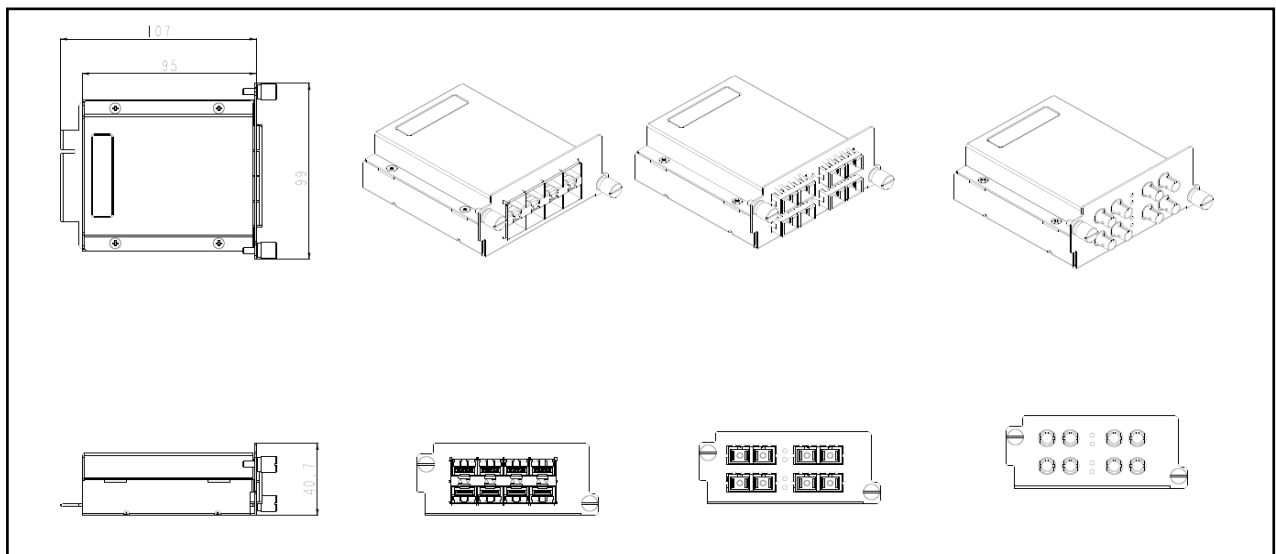
Specifications

Hardware Specifications					
ORing Model name	SWM-08GP	SWM-04GF-SS-SC SWM-04GF-SS-ST	SWM-04GF-MM-SC SWM-04GF-MM-ST	SWM-04FX-SS-SC SWM-04FX-SS-ST	SWM-04FX-MM-SC SWM-04FX-MM-ST
Physical Ports	8	4	4	4	4
Fiber Ports Standard	N/A	1000BASE-SX	1000Base-LX	100Base-FX	100Base-FX
Mode	Socket for 100M or 1G SFP	Single-mode	Multi-mode	Single-mode	Multi-mode
Connector	LC	SC /ST	SC /ST	SC /ST	SC /ST
Fiber Diameter (μm)	N/A	10 Km	0.55 Km	30 Km	2 Km
Wavelength (nm)	N/A	1310 nm	850 nm	1310 nm	1310 nm
Max. Output Optical Power (dbm)	N/A N/A	-3 dbm	-4 dbm	-8 dbm	-14 dbm
Min. Output Optical Power (dbm)	N/A	-9.5 dbm	-9.5 dbm	-15 dbm	-23.5 dbm
Max. Input Optical Power (Saturation)	N/A	-3 dbm	0 dbm	0 dbm	0 dbm

Min. Input Optical Power (Sensitivity)	N/A	-20 dbm	-18 dbm	-34 dbm	-31 dbm
Link Budget (db)	N/A	10.5 db	8.5 db	19 db	7.5 db
Physical Characteristic					
Enclosure	IP-30				
Dimension	99 (W) x 107 (D) x 41.7(H) mm				

Dimensions

Unit: mm [inch]



Ordering Information

For RGS-P(R) 9000 slot 1~3

SWM-08GP	Industrial 8-port Gigabit fiber module with 8x100/1000Base-X, SFP socket
SWM-04GF-MM/SS-SC	Industrial 4-port Gigabit fiber module with 4x1000Base-FX SC Fiber ports
SWM-04GF-MM/SS-ST	Industrial 4-port Gigabit fiber module with 4x1000Base-FX ST Fiber ports
SWM-04FX-MM/SS-SC	Industrial 4-port Gigabit fiber module with 4x1000Base-FX SC Fiber ports
SWM-04FX-MM/SS-ST	Industrial 4-port fiber module with 4x100Base-FX ST Fiber ports

For RGS-P(R) 9000 slot 4

SWM-02GP+_4	Industrial 2-port 10G SFP+ module with 2x10GBase-X, SFP+ socket
SWM-04GP+_4	Industrial 4-port 10G SFP+ module with 4x10GBase-X SFP+ ports
SWM-04GP_4	Industrial 4-port Gigabit fiber module with 4x1GBase-X SFP ports

ORing Industrial Networking

All specifications are subject to change without notice.

Last updated: 2026/5/13