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Overview

The S5700 series Ethernet switches are next-generation energy-saving switches developed by Huawei to meet the demand for high-bandwidth access and Ethernet multi-service aggregation. Based on cutting-edge hardware and Huawei Versatile Routing Platform (VRP) software, the S5700 provides a large switching capacity, high reliability (double power slots and hardware Ethernet OAM), and high-density GE ports to accommodate 10 Gbit/s upstream transmissions. It also supports Energy Efficient Ethernet (EEE) and iStack. The S5700 can be used in various enterprise network scenarios. For example, it can function as an access or aggregation switch on a campus network, a gigabit access switch in an Internet data center (IDC), or a desktop switch to provide 1000 Mbit/s access for terminals.

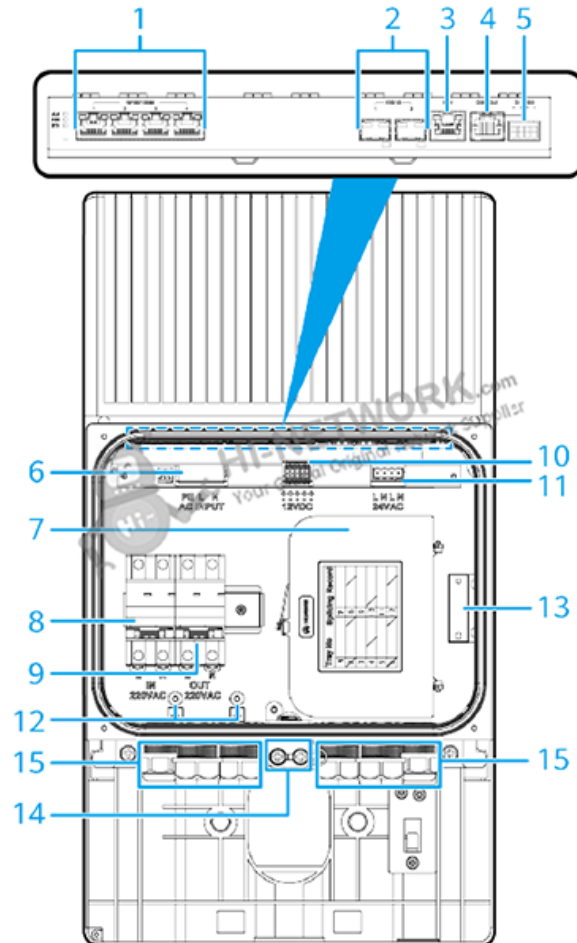## Quick Specification

Table 1 shows the Quick Specification.

Model	S5735-S4T2X-IA150G1
Part Number	02312NTA
Description	Function Module, S5735-S4T2X-IA150G1, 220Vac Single-Phase Input, 144W Max Combined Output Power (12Vdc/24Vac), Natural Heat Dissipation
First supported version	V200R019C10
Dimensions without packaging (H x W x D) [mm(in.)]	550 mm x 300 mm x 135 mm (21.65 in. x 11.81 in. x 5.31 in.)
Memory	1 GB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
PoE	Not supported

Figure 1 shows the appearance of S5735-S4T2X-IA150G1.

Product Details

Figure 2 show the interior of the S5735-S4T2X-IA150G1 maintenance compartment.

Note:

(1)	Four 10/100/1000BASE-T ports
(2)	Two 10GE SFP+ ports
(3)	One ETH management port
(4)	One console port
(5)	Monitoring port DI: signal input line, which connects to a door status sensor. DO: signal output line, which connects to a camera alarm signal cable.
(6)	220 V AC power input socket
(7)	Fiber management tray (FMT)
(8)	220 V AC power input circuit breaker
(9)	220 V AC power output circuit breaker
(10)	12 V DC power output socket
(11)	24 V AC power output socket
(12)	PE cable ground terminal

(13)	Door status sensor
(14)	Ground screw
(15)	Cable outlet

Get More Information

Do you have any question about the S5735-S4T2X-IA150G1 (02312NTA)?

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Specification

S5735-S4T2X-IA150G1 Specification	
Model	S5735-S4T2X-IA150G1
Part Number	02312NTA
Description	Function Module, S5735-S4T2X-IA150G1, 220Vac Single-Phase Input, 144W Max Combined Output Power (12Vdc/24Vac), Natural Heat Dissipation
First supported version	V200R019C10
Dimensions without packaging (H x W x D) [mm(in.)]	550 mm x 300 mm x 135 mm (21.65 in. x 11.81 in. x 5.31 in.)
Weight without packaging [kg(lb)]	9.2
Weight without packaging (full configuration) [kg(lb)]	9.2
Weight with packaging [kg(lb)]	12.2
Typical power consumption [W]	28
Typical heat dissipation [BTU/hour]	95.54
Maximum power consumption [W]	29
Maximum heat dissipation [BTU/hour]	58
MTBF [year]	57.28
MTTR [hour]	2
Availability	>0.99999
Noise at normal temperature (acoustic power) [dB(A)]	Noise-free (no fans)
Noise at normal temperature (acoustic pressure) [dB(A)]	Noise-free (no fans)
Number of card slots	0
Number of power slots	0
Number of fans modules	0
Redundant power supply	Not supported

Long-term operating temperature [°C(°F)]	-40°C to +75°C (-40°F to 167°F) NOTE: –25ºC to +75ºC (–13ºF to +167ºF): sunshade needed; 400 LFM air velocity (minimum); GPON optical modules not supported –25ºC to +70ºC (–13ºF to +158ºF): sunshade needed; 200 LFM air velocity (minimum); GPON optical modules supported –30ºC to +60ºC (–22ºF to +140ºF): sunshade needed; 40 LFM air velocity (minimum); GPON optical modules supported –35ºC to +55ºC (–31ºF to +131ºF): sunshade needed; no requirement on the air velocity; GPON optical modules supported –35ºC to +45ºC (–31ºF to +113ºF): 1120 W/m2 solar radiation (maximum); no requirement on the air velocity –40ºC to –35ºC (–40ºF to –31ºF): Stable port performance can be achieved only when at least four Ethernet electrical ports go Up.
Restriction on the operating temperature variation rate [°C(°F)]	When the altitude is 1800-4000 m (5906-13123 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.).
Storage temperature [°C(°F)]	-40°C to +85°C (-40°F to +185°F)
Long-term operating relative humidity [RH]	5% to 95%, noncondensing
Long-term operating altitude [m(ft.)]	0-4000 m (0-13123 ft.)
Storage altitude [m(ft.)]	0-4000 m (0-13123 ft.)
Power supply mode	AC built-in
Rated input voltage [V]	220 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	176 V AC to 264 V AC, 45 Hz to 66 Hz
Memory	1 GB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
Console port	RJ45
Eth Management port	RJ45
USB	Not supported
RTC	Not supported
RPS input	Not supported
Service port surge protection [kV]	±1.5 kV in differential mode, ±6 kV in common mode
Power supply surge protection [kV]	Surge current: - AC input: 20 kA Surge: - AC input: ±6 kV in differential mode; ±6 kV in common mode - 12 V DC output: ±2 kV in differential mode; ±4 kV in common mode - 24 V AC output: ±2 kV in differential mode; ±6 kV in common mode
Types of fans	None
Heat dissipation mode	Natural heat dissipation without fans
Airflow direction	-

PoE	Not supported
Certification	EMC certification
	Safety certification
	Manufacturing certification

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