MARK VIES FUNCTIONAL SAFETY SYSTEM

Product Data Sheet

IS420ESWBH3A

Mark VIe 16-port IONet Ethernet switch

FUNCTION	FAMILY	ORIGIN	WEIGHT
Mark VIe 16-port IONet Ethernet	**Mark VIeS functional safety system**	**United States / India /**	**0.72 kg**

General Electric IS420ESWBH3A is a Mark VIe 16-port IONet Ethernet switch for the Mark VIeS functional safety system. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

System family	Mark VIe and Mark VIeS
Network function	IONet Ethernet switch
Copper ports	16 RJ-45 ports
Copper interface	10/100Base-TX
Fiber ports	None
Power requirement	24 or 28 V DC at 1 A maximum
Power inputs	Two diode-OR redundant inputs
Power connectors	Two Phoenix MC 1.5/S-STF-3.81 connectors
Copper cabling	Category 5e UTP with RJ-45 connectors
Cooling method	Natural convection

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Safety classification	Non-interfering
Hazardous locations	Class I Division 2 and Zone 2
G3 compliance	Supported
Operating temperature	-40 to 70 °C
Mounting method	DIN rail with mounting clip

03 OFFICIAL APPLICATIONS

- Industrial production systems: Documented product integration
- Utility and process facilities: Exact-model maintenance support
- Building and plant systems: Controlled replacement planning

04 SYSTEM COMPATIBILITY

Match IS420ESWBH3A to the installed Mark VIeS functional safety system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

GE Vernova GFT-870 Mark VIeS technical guide

https://www.gevernova.com/content/dam/gepower-new/global/en_US/downloads/gas-new-site/resources/automation/GFT-870.pdf

AMIKON PRODUCT SUPPORT

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