MARK VIE

Product Data Sheet

IS220PSCAH1B

Serial Communication I/O Pack

SUPPLY VOLTAGE MINIMUM	NOMINAL SUPPLY SELECTIONS	SUPPLY VOLTAGE MAXIMUM	MAXIMUM SUPPLY CURRENT
22.5 V DC	**24 or 28 V DC**	**28.6 V DC**	**0.36 A**

General Electric IS220PSCAH1B is a serial communication i/o pack in the Mark VIe range. It interfaces serial field communication with the Mark VIe controller network. The H1B I/O pack is used with the documented SSCA terminal-board combinations.

01 DOCUMENTED / LISTED DATA

Supply voltage minimum	22.5 V DC
Nominal supply selections	24 or 28 V DC
Supply voltage maximum	28.6 V DC
Maximum supply current	0.36 A
Serial transceiver quantity	6
Serial electrical standards	RS-232, RS-422 or RS-485 half-duplex
Ethernet connection count	2
Supported serial protocol	Modbus
Compatible terminal boards	IS200SSCAH1A or IS200SSCAH2A
Ambient temperature rating	-30 to +65 deg C

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Pack health indication	Local diagnostic LEDs
Local service interface	Infrared serial port
External DC power connector	3 pins
Ethernet communications media	RJ-45 Ethernet
Terminal attachment	DC-37 connection

03 DOCUMENTED USE SETTINGS

Oil Refining and Natural Gas Production: Petroleum Refining and Processing.

Chemical Manufacturing and Petrochemical Production: Industrial Chemical Manufacturing.

Electric Power Generation and Energy Production: Thermal Power Generation.

04 SYSTEM COMPATIBILITY

General Electric IS220PSCAH1B is a serial communication i/o pack in the Mark VIe range. It interfaces serial field communication with the Mark VIe controller network. The H1B I/O pack is used with the documented SSCA terminal-board combinations.

05 PRODUCT EVIDENCE

GEH-6725R Mark VIe/VIeS HazLoc instructions, pages 68 and 142-143; exact PSCAH1B interface details from World of Controls.

AMIKON PRODUCT SUPPORT

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