GE GE □□□ Series Service Manual

IS220PDIAH1B

1. Description

PECIFICATIONS

2. Specifications

Specification	Value
Manufacturer	**General Electric**
Series	**Mark VI Speedtronic**
Functional	**Part Number IS220PDIAH1B**
Functional	**Acronym PDIA**
Revision	**Quantity 1 Revision**
Assembly	**Type Normal Assembly**
Functional	**Revision 1 B**
Ethernet	**Ports 2 Ports**
Nominal	**Voltage 24 V dc**
ENET	**Indicators 2 ENETS**
General	**Dimensions Smaller**
About	**the IS220PDIAH1B**
The	**IS220PDIAH1B is a GE Mark VIe I/O pack that combines with various GE terminal boards. This is one of several of these I/O pack/board combinations available here at AX Control. Many of these units have been placed into legacy status by the OEM and may not be available any longer from the manufacturer. AX Control does its best to maintain on-hand stock of these products to better serve our customers. The Mark VI Turbine Control System Series that this IS220PDIAH1B modular product assembly belongs to is actually a massive functional upgrade upon the Mark V Turbine Control System Series of the same name that immediately preceded it, as the Mark VI Series' specific inte**

3. Product Information

PECIFICATIONS

Part No.: IS220PDIAH1B

Manufacturer: General Electric

Product Type: PCB

Series: Mark VI

The IS220PDIAH1B is a GE Mark VIe I/O pack. This can be used with a number of different GE terminal boards. The IS220PDIAH1B has been certified for usage in hazardous environments. IS200STCIH8A, IS200STCIH1A, and 2A, IS200TBCIH2C or H4C, IS400STCIH1A or 2A, IS400TBCIH2C, or IS400STCIH8A are some of the terminal boards that can be used with the PDIA I/O.These are usually power distribution boards from the Speedtronic Mark VIe system.

The nominal voltage rating of this I/O pack is 24 VDC, with a maximum voltage rating of 28.6 VDC.

The maximum voltage rating for contact inputs is 32 VDC.

Both non-hazardous and hazardous areas are covered by the UL listing.

All of the different Class and Zone UL designations can be found in the documentation.

This module is suitable for temperatures ranging from -30 to +65 degrees Celsius

IS220PDIAH1B Technical Specifications

Manufacturer General Electric

Series Mark VI Speedtronic

Functional Part Number IS220PDIAH1B

Functional Acronym PDIA

Revision Quantity 1 Revision

Assembly Type Normal Assembly

Functional Revision 1 B

Ethernet Ports 2 Ports

Nominal Voltage 24 V dc

ENET Indicators 2 ENETS

General Dimensions Smaller

About the IS220PDIAH1B

The IS220PDIAH1B is a GE Mark VIe I/O pack that combines with various GE terminal boards. This is one of several of these I/O pack/board combinations available here at AX Control. Many of these units have been placed into legacy status by the OEM and may not be available any longer from the manufacturer. AX Control does its best to maintain on-hand stock of these products to better serve our customers. The Mark VI Turbine Control System Series that this IS220PDIAH1B modular product assembly belongs to is actually a massive functional upgrade upon the Mark V Turbine Control System Series of the same name that immediately preceded it, as the Mark VI Series' specific intended functionality has been expanded to included alternative energy-based wind turbine control and management systems, in stead of the normal gas and steam-based settings. This IS220PDIAH1B product's Mark VI Series is additionally considered desirable due to its status as one of the final-developed GE Mark product series to incorporate the patented Speedtronic control system technology into a number of its different offerings.

Hardware Tips and Specifications

The IS220PDIAH1B is approved for use in hazardous locations. The PDIA I/O can be paired with a number of different terminal boards including IS200STCIH1A and 2A, IS200STCIH8A, Is200TBCIH2C, or H4C, IS400TBCIH2C, IS400STCIH1A or 2A, or IS400STCIH8A. These are typically power distribution boards that are part of the Mark VIe Speedtronic system. The IS220PDIAH1B I/O pack has a nominal voltage rating of 24.0 VDC with a max rating of 28.6. Contact inputs have a max voltage rating of 32 VDC. The unit is UL listed for both non-hazardous and hazardous locations. See documentation for all of the different Class and Zone UL markings.

The IS220PDIAH1B is designed for use in temperatures between -30 to +65 degrees celsius (ambient temperature). Additional information about this I/O pack can be found through GE's original documentation like manuals or user guides. AX Control may be able to help with replacement copies of these items if you no longer have access to your original copies.

IS220PDIAH1B I/O Pack Part Number

The IS220PDIAH1B functional product number itself can additionally be accessed as a decently strong primary source of IS220PDIAH1B Module hardware component and component specification information, as it codes for a series of relevant details through consecutive General Electric-formulated functional naming segments. For instance, the IS220PDIAH1B functional product number begins with an iteration of the dual-functional IS220 series tag indirectly identifying this IS220PDIAH1B product's special modular Mark VI Series assembly version but also its more standard domestic original location of General Electric manufacture. Some of the other relevant IS220PDIAH1B product details revealed in this manner include its:

PDIA functional product abbreviation

Conformal PCB coating style

Group one Mark VI Series product grouping

B-rated functional product revision