MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GENERAL ELECTRIC

IS220PSCAH1B

SERIAL COMMUNICATION I/O PACK

Used with the applicable Mark VIe configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

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

GEH-6725R

Mark* VIe and Mark VIeS Control Systems Equipment in Hazardous Locations (HazLoc) Instruction Guide

Sept 2020



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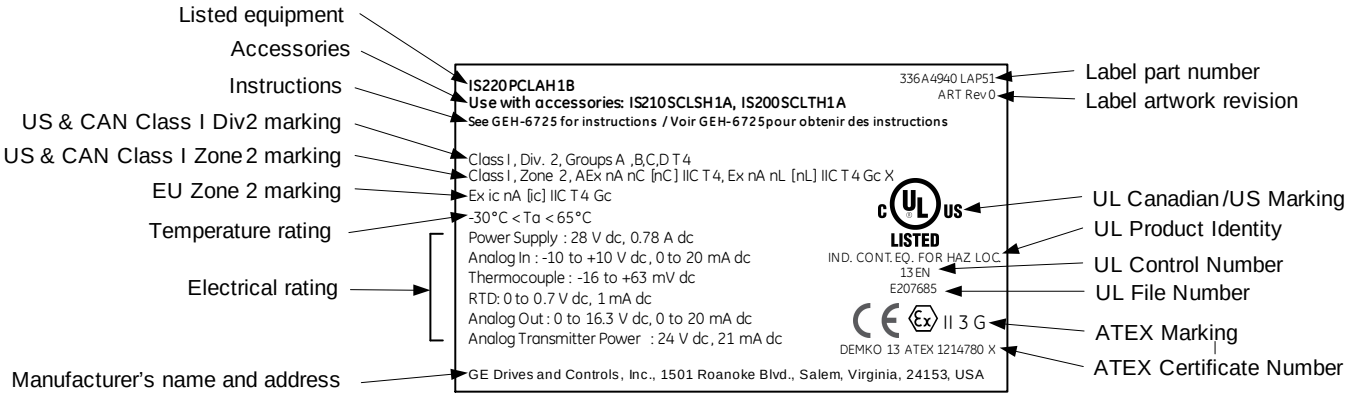
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1.4 Equipment Markings

Hazardous location certifications vary, depending on the equipment release date and energy limiting characteristics. The following are actual size examples of HazLoc labels for control system equipment.



Example HazLoc Label on I/O Pack



Example Accessory HazLoc Label

3.15 PSCA Serial Communications Module

The following I/O pack and terminal board combinations are approved for use in hazardous locations:

- Serial communication I/O pack **IS220PSCAH1A** or **IS220PSCAH1B** with accessory terminal board **IS200SSCAH1A** or **IS200SSCAH2A**
- Coated serial communication I/O pack **IS221PSCAH1B** with accessory terminal board **IS201SSCAH1A** or **IS201SSCAH2A**
- Serial communication I/O pack **IS42yPSCAH1B** with accessory terminal board **IS40ySSCAH1A** or **IS40ySSCAH2A** (where y = 0 or 1)

3.15.1 Electrical Ratings

Power Supply

Item	Min	Nominal	Max	Units
Voltage	PSCAH1B: 22.5 PSCAH1A: 27.4	PSCAH1B: 24.0 / 28.0 PSCAH1A: 28.0	28.6	V
Current	—	—	0.36	A

3.15.2 Field Wire Connections

For serial communication terminal boards (accessories) certified for HazLoc, refer to the table *Euro Style Box-type Terminal Blocks* for wire size and screw torques.

Appendix D Ambient Temperature Ratings

Note In the following tables, **y** = 0 or 1 for module part numbers.

Ambient Temperature Ratings

GE Part Number	Ambient Temperature Rating
IS200JPDLG1A	-30 to + 65 °C (-22 to +149 °F)
IS210BAPAH1A	
IS220PAICH1A	
IS220PAOCH1B	
IS220PCLAH1A	
IS220PCLAH1B	
IS220PDIAH1A	
IS220PDIIH1B	
IS220PDIOH1A	
IS220PDIOH1B	
IS220PDOAH1A	
IS220PHRAH1A	
IS220PHRAH1B	
IS220PPDAH1A	
IS220PPRAH1A	
IS220PPRAS1A	
IS220PPRAS1B	
IS220PPROH1A	
IS220PPROS1B	
IS220PRTDH1A	
IS220PRTDH1B	
IS220PSCAH1A	
IS220PSCAH1B	
IS220PSCHH1A	
IS220PSVOH1A	
IS220PSVOH1B	
IS220PTCCH1A	
IS220PTCCH1B	
IS220PTURH1A	
IS220PTURH1B	
IS220PVIBH1A	
IS220YAICS1A	
IS220YDIAS1A	
IS220YDOAS1A	
IS220YHRAS1A	
IS220YPROS1A	
IS220YSILS1A	
IS220YSILS1B	
IS220YTCCS1A	
IS220YTURS1A	
IS220YVIBS1A	
IS221PHRAH1B	