

Document Updates — continued

Rev	Location	Description
G	<u>PAIC and YAIC Analog I/O Modules</u>	Separated IS220PAICH1A and IS220PAICH1B and added terminal boards for use with IS220PAICH1B
		Separated IS220YAICS1A and IS220YAICS1B and added terminal boards for use with IS220YAICS1B
	<u>PDIA and YDIA Discrete Input Modules</u>	Separated IS220PDIAH1A and IS220PDIAH1B and added terminal boards for use with IS220PDIAH1B
		Separated IS220YDIAS1A and IS220YDIAS1B and added terminal boards for use with IS220YDIAS1B
	<u>PDOA and YDOA Discrete Output Modules</u>	Separated IS220PDOAH1A and IS220PDOAH1B and separated the terminal boards for use per I/O pack
	<u>PSVO Servo Control Module</u>	Separated IS220PSVOH1A and IS220PSVOH1B
	<u>PVIB and YVIB Vibration Monitor Modules</u>	Separated IS220PVIBH1A and IS420PVIBH1B and added the terminal board for use with IS420PVIBH1B
		Separated IS220YVIBS1A and IS420YVIBS1B and added the terminal board for use with IS420YVIBS1B
	<i>Appendix A Classified Location Certifications,</i> <u>Mark VIe I/O Modules</u>	Added terminal boards in the Equipment column for the following I/O modules: IS220PAICH1B, IS220PDIAH1B, IS220PDOAH1B, IS220PSVOH1B, IS420PVIBH1B
	<i>Appendix A Classified Location Certifications,</i> <u>Mark VIeS Safety I/O Modules</u>	Added terminal boards in the Equipment column for the following I/O modules: IS220YAICS1A IS220YAICS1B with updated ATEX Zone 2, Group IIC certification IS221YAICS1B updated ATEX Zone 2, Group IIC certification IS220YDIAS1A IS220YDIAS1B specifications and certifications IS220YDOAS1A IS220YDOAS1B with updated ATEX Zone 2, Group IIC certification IS221YDOAS1B updated ATEX Zone 2, Group IIC certification IS420YVIBS1B
	<i>Appendix B Classified Location Standards,</i> <u>Mark VIe I/O Modules</u>	Added terminal boards in the Equipment column for the following I/O modules: IS220PAICH1B, IS220PDIAH1B, IS220PDOAH1B, IS220PSVOH1B, IS420PVIBH1B
	<i>Appendix B Classified Location Standards,</i> <u>Mark VIeS I/O Modules</u>	Added terminal boards in the Equipment column for the following I/O modules: IS220YAICS1A, IS220YAICS1B, IS220YDIAS1A, IS220YDIAS1B, IS220YDOAS1A, IS220YDOAS1B, IS420YVIBS1B
	<i>Appendix C Equipment Markings,</i> <u>Mark VIe I/O Modules</u>	Added terminal boards in the Equipment column for the following I/O modules: IS220PAICH1B, IS220PDIAH1B, IS220PDOAH1B, IS220PSVOH1B, IS420PVIBH1B
<i>Appendix C Equipment Markings,</i> <u>Mark VIeS I/O Modules</u>	Added terminal boards in the Equipment column for the following I/O modules: IS220YAICS1A, IS220YAICS1B, IS220YDIAS1A, IS220YDIAS1B, IS220YDOAS1A, IS220YDOAS1B, IS420YVIBS1B	

3.9 PDOA and YDOA Discrete Output Modules

The following hardware combinations are approved for use in hazardous locations:

- Mark VIe Discrete Output I/O pack **IS220PDOAH1A**
with terminal board **IS200TRLYH2E, IS200TRLYH3E, IS200TRLYH1F, or IS200TRLYH2F**
- Mark VIe Discrete Output I/O pack **IS220PDOAH1B**
with terminal board **IS200TRLYH2E, IS200TRLYH3E, IS200TRLYH1F, IS200TRLYH2F, IS200SRLYH1A, IS200SRLYH2A, IS400SRLYH1A, IS400SRLYH2A, IS40yWROBH1A, IS40yWROFH1A, IS40yWROGH1A or IS40yWROHH1A**
- Coated Mark VIe Discrete Output I/O pack **IS221PDOAH1B** with terminal board **IS201TRLYH2E, IS201TRLYH3E, IS201TRLYH1F, or IS201TRLYH2F**
- Mark VIeS Safety Discrete Output I/O pack **IS220YDOAS1A**
with terminal board **IS200TRLYS1F, IS200TRLYS2F, IS400TRLYS1F, or IS400TRLYS2F**
- Mark VIeS Safety Discrete Output I/O pack **ISx2yYDOAS1B** (where x = 2 or 4 and y = 0 or 1)
with terminal board **IS40yTRLYS1B, ISx0yTRLYS1F, ISx0yTRLYS2F, IS40yTRLYS1D, IS40ySRLYS2A, IS40yWROBH1A, IS40yWROFH1A, IS40yWROGH1A, or IS40yWROHH1A**

Mark VIe I/O Modules Classified Location Certifications (continued)

Equipment	Non-hazardous	Class I, Division 2, Groups A, B, C, D	Class I, Zone 2, Group IIC	ATEX Zone 2, Group IIC
IS221PDIAH1B Accessories: IS201STCIH1A IS201STCIH2A IS201STCIH8A IS201TBCIH2C IS201TBCIH4C	UL E207685	UL E207685	UL E207685	UL DEMKO 13 ATEX 1214780X
IS220PDIIH1B Accessories: IS200SDIIH1A	UL E207685	UL E207685	UL E207685	UL DEMKO 13 ATEX 1214780X
IS220PDIOH1A Accessories: IS200TDBSH2A IS200TDBTH2A	UL E207685	UL E207685	UL E207685	UL DEMKO 12 ATEX 1114875X
IS220PDIOH1B Accessories: ISx0yTDBSH2A ISx0yTDBSH8A ISx0yTDBTH2A ISx0yTDBTH8A	UL E207685	UL E207685	UL E207685	UL DEMKO 13 ATEX 1214780X
IS220PDOAH1A Accessories: IS200TRLYH2E IS200TRLYH3E IS200TRLYH1F IS200TRLYH2F	UL E207685	UL E207685	UL E207685	UL DEMKO 12 ATEX 1114875X

Mark VIe I/O Modules Classified Location Standards (continued)

Equipment	Non-hazardous	Class I, Division 2, Groups A, B, C, D	Class I, Zone 2, Group IIC	ATEX Zone 2, Group IIC
IS220PDIOH1A Accessories: IS200TDBSH2A IS200TDBTH2A	UL 508 Ed. 17 CSA-C22.2 No. 142-M1987	ANSI/ISA-12.12.01-2015 CAN/CSA-C22.2 No. 213-15	UL 60079-0 Ed. 5 UL 60079-15 Ed. 3 CAN/CSA-C22.2 No. 60079-0:11 CAN/CSA-C22.2 No. 60079-15:12	EN 60079-0:2012 EN 60079-11:2012 EN 60079-15:2010
IS220PDIOH1B Accessories: ISx0yTDBSH2A ISx0yTDBSH8A ISx0yTDBTH2A ISx0yTDBTH8A	UL 508 Ed. 17 CSA-C22.2 No. 142-M1987	ANSI/ISA-12.12.01-2015 CAN/CSA-C22.2 No. 213-15	UL 60079-0 Ed. 5 UL 60079-15 Ed. 3 CAN/CSA-C22.2 No. 60079-0:11 CAN/CSA-C22.2 No. 60079-15:12	EN 60079-0:2012 EN 60079-11:2012 EN 60079-15:2010
IS220PDOAH1A Accessories: IS200TRLYH2E IS200TRLYH3E IS200TRLYH1F IS200TRLYH2F	UL 508 Ed. 17 CSA-C22.2 No. 142-M1987	ANSI/ISA-12.12.01-2015 CAN/CSA-C22.2 No. 213-15	UL 60079-0 Ed. 5 UL 60079-15 Ed. 3 CAN/CSA-C22.2 No. 60079-0:11 CAN/CSA-C22.2 No. 60079-15:12	EN 60079-0:2012 EN 60079-11:2012 EN 60079-15:2010
IS220PDOAH1B Accessories: IS200TRLYH2E IS200TRLYH3E IS200TRLYH1F IS200TRLYH2F IS200SRLYH1A IS200SRLYH2A IS400SRLYH1A IS400SRLYH2A IS40yWROBH1A IS40yWROFH1A IS40yWROGH1A IS40yWROHH1A	UL 508 Ed. 17 CSA-C22.2 No. 142-M1987	ANSI/ISA-12.12.01-2017 CAN/CSA-C22.2 No. 213-17	UL 60079-0 Ed. 5 UL 60079-15 Ed. 3 CAN/CSA-C22.2 No. 60079-0:11 CAN/CSA-C22.2 No. 60079-15:12	EN 60079-0:2012+A11:2013 EN 60079-11:2012 EN 60079-15:2010

Mark VIe I/O Modules Equipment Markings (continued)

Equipment	US & CAN Class I Div 2	US & CAN Class I Zone 2	ATEX Zone 2
IS221PDIAH1B Accessories: IS201STCIH1A IS201STCIH2A IS201STCIH8A IS201TBCIH2C IS201TBCIH4C	Class I, Div 2, Groups A, B, C, D, T4	Class I, Zone 2, AEx nA [nC] IIC T4, Ex nA [nL] IIC T4 Gc X	Ex nA [ic] IIC T4 Gc
IS220PDIIH1B Accessories: IS200SDIIH1A	Class I, Div 2, Groups A, B, C, D, T4	Class I, Zone 2, AEx nA IIC T4, Ex nA IIC T4 Gc X	Ex nA IIC T4 Gc
IS220PDIOH1A Accessories: IS200TDBSH2A IS200TDBTH2A	Class I, Div 2, Groups A, B, C, D, T4	Class I, Zone 2, AEx nA nC [nC] IIC T4, Ex nA nL [nL] IIC T4 Gc X	Ex ic nA [ic] IIC T4 Gc
IS220PDIOH1B Accessories: ISx0yTDBSH2A ISx0yTDBTH2A ISx0yTDBSH8A ISx0yTDBTH8A	Class I, Div 2, Groups A, B, C, D, T4	Class I, Zone 2, AEx nA nC [nC] IIC T4, Ex nA nL [nL] IIC T4 Gc X	Ex ic nA [ic] IIC T4 Gc
IS220PDOAH1A Accessories: IS200TRLYH2E IS200TRLYH3E IS200TRLYH1F IS200TRLYH2F	Class I, Div 2, Groups A, B, C, D, T4	Class I, Zone 2, AEx nA nC IIC T4, Ex nA nL IIC T4 Gc X	Ex ic nA IIC T4 Gc

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	