

IS420UCSBH1A

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| Part Number: IS420UCSBH1A SKU: GBTC-53611 | Manufacturer: GE Gas Power Series: Mark VIe & Mark VIeS Control Systems |
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IS420UCSBH1A Technical Specifications

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| Manufacturer | General Electric |
| Similar To | Mark VIe UCSC Controller |
| Product Type | Mark VIe, EX2100e, or LS2100e Controller |
| Processor Type | Intel 600 MHz EP80579 |
| Part/Model Number | IS420UCSBH1A |
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| Ambient Temperature Range | -22 to 149°F |
| Functional Acronym / Abbreviation | UCSB |
| Features | No Fan, No Battery, Single Module, etc. |
| Certifications | Non-Hazardous, UL E207685 and ATEX Zone 2, Group IIC |

About the IS420UCSBH1A

- **Model Number:** IS420UCSBH1A.
- **Manufacturer:** General Electric (GE).
- **Series:** Mark VIe Control Safety System Series.
- **Type:** First of the UCSB controllers.
- **Similarities:** Similar to the UCSC controller, with nearly identical operating software.
- **Labeling:** Labeled as a Mark VIe, LS2100e, and EX2100e controller (per GEH-6725 Mark VIe and Mark VIeS, Controls Equipment HazLoc Instruction Guide).
- **Microprocessor:** Features a **600 MHz EP80579 Intel Processor**.

Control Voltages and Power Supply

- **Minimum Voltage:** 18 VDC.
- **Maximum Voltage:** 30 VDC.
- **Nominal Power Rating:** 24 VDC and 28 VDC.
- **Maximum Current Rating:** 1.5 ADC.
- *(Information source: Page twenty-two of the GEH-6725 Instruction Guide)*

Installation and Certifications

- **Mounting Requirements:** Several certifications are required for mounting in both hazardous and non-hazardous locations.
- **ATEX Zone 2, Group IIC Certification:** UL DEMKO 12 ATEX 1114875X.
- **Class I, Zone 2, Group IIC, Non-Hazardous, and Class I, Division 2, Groups A, B, C, and D Certifications:** UL E207685 (same for all these locations).