

FabGuard® ASG-100 Fail-to-Safe Switch

Description

FabGuard ASG-100 (921-470-G1) includes the fail-to-safe switch, power supply, mounting hardware, and serial communication cable for connecting to FabGuard process control software. A FabGuard Controller can be used to deploy FabGuard and is necessary for SEMI S2 safety compliance.

Applications

FabGuard ASG-100 with a FabGuard Controller provides SEMI S2 safety compliance when remotely controlling abatement systems or other target equipment.

Advantages

- Provides SEMI S2 compliance when used with FabGuard Controllers
- Simplifies abatement with unified control across all equipment and platforms
- Seamlessly integrates with the entire FabGuard solution for subfab control
- Provides significant reduction in fuel and oxidizer consumption with FabGuard Facilities Monitoring (IFM)
- Offers various mounting options for flexible installation
- Clearly visualizes faults with the FAULT indicator light
- Delivers the time stamp of last alarm occurrence is provided in the ASG-100 web server
- Includes a reset button for manual reset after an alarm



Specifications

Fault detection window	5 seconds
Fault record	Time stamp of last fault recorded in ASG-100 web server
Reset operation	Manual reset switch to return relay to normal operating state
Connection method	Physical relay "dry contact" output terminals, intended to connect to equipment supplying 24 V (DC)
Power requirement	24 V, 15 W
Mounting options	Options include unistrut (1-5/8") and extruded rail (M8) setups
Dimensions (L × W × H)	335.3 mm × 88.1 mm × 206.5 mm (13.02 in. × 3.47 in. × 8.13 in.)
Weight	1.63 kg (3.6 lb.)
Environmental compliance	ISO 12100 EN ISO 13849-1 EN ISO 1349-2 IEC 61010-1 SEMI S2-0821 ¹⁾ SEMI S10-1117 ¹⁾

¹⁾ Compliant when used with FabGuard Controller and FabGuard Node.

Dimensions

Excluding relay contacts: 305.56 mm L × 88.1 mm W × 206.5 mm H (12.03 in. L × 3.47 in. W × 8.13 in. H)

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