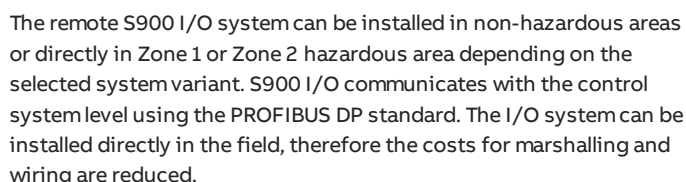


ABB Ability™ System 800xA® hardware selector



S900 I/O type B. For installation in hazardous area Zone 2. For connecting intrinsically safe field devices installed in Zone 2, Zone 1 or Zone 0.

Features and benefits

- ATEX Certification for Zone 2
- Redundancy (Power and Communication)
- Hot Configuration in Run
- Hot Swap functionality
- Extended Diagnostic
- Excellent configuration and diagnostics via FDT/DTM
- G3 – coating for all components
- Simplified maintenance with auto-diagnostics
- Power supply for 4...20 mA loop powered 2-wire transmitters
- Short and break detection
- Electrical isolation between input / bus and input / power
- Common return for all inputs
- 4 channels

DATA SHEET AI910B (AI4-B) | 2024-04-25 | Copyright © 2024 ABB

Environment and certification	
CE mark	Yes
Hazardous Location	ATEX Zone 2
Corrosive atmosphere ISA-S71.04	G3
Climatic operating conditions	Relative humidity max. 93 % +/- 3 % at 40°C
Max ambient temperature	-20 °C...60 °C
RoHS compliance	DIRECTIVE/2011/65/EU (EN 50581:2012)
WEEE compliance	DIRECTIVE/2012/19/EU
WEEE category	Small Equipment (No External Dimension More Than 50 cm)

Dimensions	
Width	20 mm (0.79 in.)
Depth	104 mm (4.09 in.)
Height	104 mm (4.09 in.)
Weight	0.13 kg (0.29 lbs.)

solutions.abb/800xA
solutions.abb/controlsystems

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