IP920
ABB Ability™ System 800xA® hardware selector

The remote S900 I/O system can be installed in non-hazardous areas or directly in Zone 1 or Zone 2 hazardous area depending on the selected system variant. S900 I/O communicates with the control system level using the PROFIBUS DP standard. The I/O system can be installed directly in the field, therefore the costs for marshalling and wiring are reduced.

The system is sturdy, error-tolerant and easy to service. Integrated disconnection mechanisms allow replacement during operation, meaning that there is no need to interrupt the primary voltage in order to exchange the power supply units.

IP920 Module housing (Cover for empty slots in TU921S, B and N).

Features and benefits

• 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
• Hot Swap functionallity
• Cover for empty slots in TU921S, B and N

General info	
Article number	3KDE175831L9200
Signal type	Cover for empty slots
SOE	N/A
Mechanics	S900

Environment and certification

CE mark	Yes
Hazardous Location	ATEX Zone 1
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	Product Not in WEEE Scope

Dimensions

Width	20 mm (0.79 in.)
Depth	104 mm (4.09 in.)
Height	104 mm (4.09 in.)
Weight	0.10 kg (0.22 lb)

ABB

—
solutions.abb/800xA
solutions.abb/controlsystems

—