

PRODUCT-DETAILS

3BDH000600R1

SA920N Power Supply



General Information

Product ID	3BDH000600R1
ABB Type Designation	SA920N
Catalog Description	SA920N Power Supply

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 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.

S900 I/O type N. For installation in safe (= non-hazardous) area.

Long Description

SA920N Power Supply for 24V DC, for redundant termination unit TU921N (TU16R) in S900 I/O. Do not mix SA910N with SA920N for redundancy (observe Release Notes).

- 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
- Powering of communication interfaces and I/O modules
 - Hot swap capability in safe area
 - Redundant powering
- Alarm in case of power failure (with redundancy)

Additional Information

Medium Description	S900 I/O type N. For installation in safe (= non-hazardous) area. SA920N Power Supply for 24V DC, for redundant termination unit TU921N (TU16R) in S900 I/O. Do not mix SA910N with SA920N for redundancy (observe Release Notes).
Product Type	Power_Supply

Ordering

Country of Origin	Germany (DE)
HS Code	850440-- Electrical transformers, static converters (for example, rectifiers) and inductors.- Static converters
Customs Tariff Number	85044030

Dimensions

Product Net Height	129 mm
Product Net Width	47 mm
Product Net Weight	1.6 kg

Environmental

RoHS Status	Following EU Directive 2011/65/EU
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
Number of Batteries	0

Where Used (as part of "kit")

Identifier	Description	Type
EXC3BDH000600R1	SA920N Power Supply	Kit

Categories

Control System Products → I/O Products → S900 I/O → S900 I/O - Power Supplies → SA920N Power Supply

Control Systems → 800xA → I/Os → S900 I/O → Power Supplies

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