
PRODUCT-DETAILS

3BDH000602R1

SA920S Power Supply



General Information

Product ID	3BDH000602R1
ABB Type Designation	SA920S
Catalog Description	SA920S Power Supply
Long Description	<p>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.</p> <p>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.</p> <p>S900 I/O type S. For installation in hazardous area Zone 1. For connecting intrinsically safe field devices installed in Zone 2, Zone 1 or Zone 0.</p> <p>SA920S Power Supply for 24V DC, for redundant termination unit TU921S (TU16R-Ex) in S900 I/O. Do not mix SA910S with SA920S for redundancy (observe Release Notes).</p> <ul style="list-style-type: none"> - ATEX Certification for installation in Zone 1 - Redundancy (Power and Communication) <ul style="list-style-type: none"> - Hot Configuration in Run - Hot Swap functionality - Extended Diagnostic - Excellent configuration and diagnostics via FDT/DTM <ul style="list-style-type: none"> - G3-coating for all components - Simplified maintenance with auto-diagnostics - Powering of communication interfaces and I/O modules <ul style="list-style-type: none"> - How swap capability in Zone 1 - Redundant powering - Alarm in case of power failure (with redundancy) - Switching On by tighten the 4 switch-on interlock screws

Additional Information

Medium Description	For 24 V DC. Do not mix SA910S with SA920S for redundancy (observe Release Notes)
Product Type	Power Supply

Ordering

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

Dimensions

Product Net Depth / Length	117 mm
Product Net Height	129 mm
Product Net Width	47 mm
Product Net Weight	1.555 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
SCIP	06641f3f-15ac-47ba-9e0d-212c5d97d6e5 Germany (DE)

Categories

Control System Products → I/O Products → S900 I/O → S900 I/O - Power Supplies → SA920S Power Supply

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

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