



PRODUCT-DETAILS

3BDH000601R1

SA920B Power Supply



General Information

Product ID	3BDH000601R1
ABB Type Designation	SA920B
Catalog Description	SA920B 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 B. For installation in hazardous area Zone 2. For connecting intrinsically safe field devices installed in Zone 2, Zone 1 or Zone 0.</p> <p>SA920B Power Supply for 24V DC, for redundant termination unit TU921B (TU16R-B) in S900 I/O. Do not mix SA910B with SA920B for redundancy (observe Release Notes).</p> <ul style="list-style-type: none">- ATEX Certification for installation in Zone 2- 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 2- 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. The power supply filter type BP901S is not required. SA920B is the functional replacement for SA910B. Do not mix SA910B with SA920B for redundancy (observe Release Notes)
Product Type	Power_Supply

Ordering

HS Code	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters
Customs Tariff Number	85044083

Dimensions

Product Net Depth / Length	117 mm
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
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WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
Number of Batteries	0
SCIP	d91afac0-c5db-4483-b73c-0014e2eb0387 Germany

Categories

Control System Products → I/O Products → S900 I/O → S900 I/O - Power Supplies → SA920B Power Supply
Control Systems → 800xA → I/Os → S900 I/O → Power Supplies
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