ABB

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PRODUCT-DETAILS

3KDE175113L9210

TU921N Red. Termination Unit (TU16R)

General Information

2025/06/27

Product ID	3KDE175113L9210
ABB Type Designation	TU921N
Catalog Description	TU921N Red. Termination Unit (TU16R)
Long Description	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 mashalling 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. TU921N Redundant Termination Unit (TU16R), for 16 I/O-modules, redundant communication and power (Delivery includes CD910). - 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 - Termination unit for up to 16 I/O modules - Prepared for redundant system power and communication - Up to 4 terminals per channel - Preselection of fieldbus address - Prepared for certified field housing - Mounting in safe area possible

Additional Information

Medium Description	For 16 I/O-modules. Redundant communication and power. (Delivery includes CD910)
Product Type	Module_Termination_Unit

Ordering

HS Code	853710 -- 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;Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading|8535|or 8536, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter|90, and numerical control apparatus, other than switching apparatus of heading|8517;For a voltage not exceeding 1|000|V
Customs Tariff Number	85371098

Dimensions

Product Net Depth / Length	147 mm
Product Net Height	274 mm
Product Net Width	498 mm
Product Net Weight	3.705 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	c2415661-bc40-4f8b-b9da-6b67cfe6fbf1 Germany

Categories

Control System Products → I/O Products → S900 I/O → S900 I/O - Module Termination Units → TU921N Termination Unit → TU921N Red. Termination Unit (TU16R)

Control Systems → 800xA → I/Os → S900 I/O → Central Units

Control Systems → 800xA → I/Os → S800 I/O → S800 I/O 4.1 → I/O Modules

Control Systems → 800xA → I/Os → S800 I/O → S800 I/O 5.0 → I/O Modules

Control Systems → 800xA → I/Os → S800 I/O → S800 I/O 5.1 → I/O Modules

Control Systems → Compact Product Suite → I/Os → S800 I/O → S800 I/O 4.1 → I/O Modules

Control Systems → Compact Product Suite → I/Os → S800 I/O → S800 I/O 5.0 → I/O Modules

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