

# 3KDE175111L9210

## General Information

<b>Product ID:</b>	3KDE175111L9210
<b>ABB Type Designation:</b>	TU921S
<b>Catalog Description:</b>	TU921S Red. Termination Unit (TU16R-Ex)
<b>Long Description:</b>	<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.</p> <p>S900 I/O communicates with the control system level using PROFIBUS DP standard.</p> <p>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 or Zone 1 or Zone 0.</p> <p>TU921S Redundant Termination Unit (TU16R-Ex), for 16 I/O-modules, redundant communication and power (Delivery includes CD910).</p> <ul style="list-style-type: none"> <li>- ATEX Certification for installation in Zone 1</li> <li>- Redundancy (Power and Communication)</li> <li>- Hot Configuration in Run</li> <li>- Hot Swap functionality</li> <li>- Extended Diagnostic</li> <li>- Excellent configuration and diagnostics via FDT/DTM</li> <li>- G3-coating for all components</li> <li>- Simplified maintenance with auto-diagnostics</li> <li>- Termination unit for up to 16 I/O modules</li> <li>- Prepared for redundant system power and communication</li> <li>- Up to 4 terminals per channel</li> <li>- Preselection of fieldbus address</li> <li>- Prepared for certified field housing</li> <li>- Mounting in safe area, Zone 1 or Zone 2 possible</li> </ul>

## Categories

Products » [Control System Products](#) » [I/O Products](#) » [S900 I/O](#) » [S900 I/O - Module Termination Units](#) » [TU921S Termination Unit](#) » [TU921S Red. Termination Unit \(TU16R-Ex\)](#)

Products » [Control Systems](#) » [800xA](#) » [I/Os](#) » [S900 I/O](#) » [Central Units](#)

Parts & Services » [Control Systems](#) » [800xA](#) » [I/Os](#) » [S800 I/O](#) » [S800 I/O 4.1](#) » [I/O Modules](#)

Parts & Services » [Control Systems](#) » [800xA](#) » [I/Os](#) » [S800 I/O](#) » [S800 I/O 5.0](#) » [I/O Modules](#)

Parts & Services » [Control Systems](#) » [800xA](#) » [I/Os](#) » [S800 I/O](#) » [S800 I/O 5.1](#) » [I/O Modules](#)

Parts & Services » [Control Systems](#) » [Compact Product Suite](#) » [I/Os](#) » [S800 I/O](#) » [S800 I/O 4.1](#) » [I/O Modules](#)

Parts & Services » [Control Systems](#) » [Compact Product Suite](#) » [I/Os](#) » [S800 I/O](#) » [S800 I/O 5.0](#) » [I/O Modules](#)

Parts & Services » [Control Systems](#) » [Compact Product Suite](#) » [I/Os](#) » [S800 I/O](#) » [S800 I/O 5.1](#) » [I/O Modules](#)

Additional Information

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

Product Type:	Module_Termination_Unit
---------------	-------------------------

Ordering

HS Code:	853690-- Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 volts; connectors for optical fibres, optical fibre bundles or cables.- Other apparatus
----------	---

Customs Tariff Number:	85369095
------------------------	----------

Dimensions

Product Net Depth / Length:	147 mm
-----------------------------	--------

Product Net Height:	274 mm
---------------------	--------

Product Net Width:	498 mm
--------------------	--------

Product Net Weight:	3.79 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
----------------------	---

