
PRODUCT-DETAILS**3KDE175311L9100****DX910S Digital Input or Output (DIO8-Ex)**

General Information

Product ID	3KDE175311L9100
ABB Type Designation	DX910S
Catalog Description	DX910S Digital Input or Output (DIO8-Ex)

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 S. For installation in hazardous area Zone 1. For connecting intrinsically safe field devices installed in Zone 2 or Zone 1 or Zone 0.

Long Description

DX910S Digital Input or Output (DIO8-Ex), input for dry contacts or proximity switches, output for low power intrinsically safe valves.

- ATEX Certification for installation in Zone 1
- 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
- Input for dry contacts or proximity switches (NAMUR)
 - Output for low power intrinsically safe valves
 - Short and break detection
- Electrical isolation between input / bus and input / power
 - Common return for all inputs / outputs
- Configurable as a mixture of inputs and outputs
 - 8 I/O channels

Additional Information

Medium Description 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. DX910S Digital Input or Output (DIO8-Ex), input for dry contacts or proximity switches, output for low power intrinsically safe valves.

Product Type	I-O_Module
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Ordering

Country of Origin	Germany (DE)
HS Code	853890-- Parts suitable for use solely or principally with the apparatus of heading 85.35, 85.36 or 85.37.- Other
Customs Tariff Number	85389099

Dimensions

Product Net Height	20 mm
Product Net Width	104 mm
Product Net Weight	0.125 kg

Technical

Channel Type	DX
Number of Input Channels	4
Number of Output Channels	4

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

Categories

Control System Products → I/O Products → S900 I/O → S900 I/O - Modules → DX910S Digital Input or Outputs → DX910S Digital Input or Output

Control Systems → 800xA → I/Os → S900 I/O → I/O Modules

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