ABB

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PRODUCT-DETAILS

3BDH000690R1

CI920AS Comm. Interface V 2.1 (CIPBA-Ex)

General Information

2025/10/29   Subject to change without notice

Product ID	3BDH000690R1
ABB Type Designation	CI920AS
Catalog Description	CI920AS Comm. Interface V 2.1 (CIPBA-Ex)
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 S. For installation in hazardous area Zone 1. For connecting intrinsically safe field devices installed in Zone 2 or Zone 1 or Zone 0. CI920AS Communication Interface V 2.1 (CIPBA-Ex). Use only CI920AS with the same firmware for redundancy for PROFIBUS DP-V1 (observe Release Notes). - 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 - Fieldbus protocol PROFIBUS DP-V1 (IEC 61158) - Coupling of the internal CAN bus to external PROFIBUS - HART over PROFIBUS DP-V1 - Line or media redundancy via two coupling modules - Eletrical isolation between fieldbus, power - Diagnosis, configuration and parameterization via PROFIBUS

Additional Information

Medium Description	Use only CI920AS with the same firmware for redundancy for PROFIBUS DP-V1 (observe Release Notes).
Product Type	Communication_Module
Technical Information	Supersedes 3BDS014111

Ordering

HS Code	851762 -- 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;Telephone sets, including smartphones and other telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network), other than transmission or reception apparatus of heading 8443, 8525, 8527 or 8528;Other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network);Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus
Customs Tariff Number	85176200

Dimensions

Product Net Depth /	104 mm

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Length

Product Net Height	20 mm
Product Net Width	104 mm
Product Net Weight	0.14 kg

Environmental

RoHS Information	Following EU Directive 2011/65/EU
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
Number of Batteries	0
SCIP	a24d53cb-f98d-42e7-b180-3f5f02ace859 Germany

Categories

Control System Products → I/O Products → S900 I/O → S900 I/O - Field Communication Interfaces → CI920AS Comm. Interface → CI920AS Comm. Interface V 2.1 (CIPBA-Ex)

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

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