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PRODUCT-DETAILS

# 3KDE175521L9500

## AI950S Temperature (TI4-Ex)



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### General information

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Produkt ID	3KDE175521L9500
ABB Typebetegnelse	AI950S
Katalogbeskrivelse	AI950S Temperature (TI4-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.

AI950S Temperature Input (TI4-Ex), supporting Pt100, Pt1000, Ni100 in 2-/3-/4-technology. Thermocouples type B, E, J, K, L, N, R, S, T, U, mV. Isolated inputs channel by channel.

Lang beskrivelse

- 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
- Pt 100, Pt 1000, Ni 100, 0...3kOhms in 2/3/4 wire technique
  - Thermocouple Type B, E, J, K, L, N, R, S, T, U, mV
  - Internal or external cold junction compensation
    - Short and break detection
- Electrical isolation between input / bus and input / power
  - Electrical isolation channel to channel
  - 4 channels

## Supplerende information

Medium Beskrivelse	Pt100, Pt1000, Ni100 in 2-/3-/4-technology thermocouples type B, E, J, K, L, N, R, S, T isolated inputs channel by channel.
produkttype	I-O_Module

## Bestilling

HS Code	853890-- Parts suitable for use solely or principally with the apparatus of heading 85.35, 85.36 or 85.37.- Other
Toldtarifnummer	85389099

## Dimensioner

Produktets nettodybde/længde	104 mm
Produktets nettohøjde	20 mm
Produktets nettobredde	104 mm
Produktets nettovægt	0.135 kg

## Tekniske data

Kanaltype	AI
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Antal inputkanaler

4

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## Miljødata

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RoHS Status	Overholder EU direktiv 2011/65/EU
WEEE-kategori	5. Småt udstyr (ingen ydre dimension over 50 cm)
Antal batterier	0
SCIP	a8869810-0d6f-4f23-8136-8da595507429 Tyskland (DE)

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## Kategorier

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Control System Products → I/O Products → S900 I/O → S900 I/O - Modules → AI950S Temperatures → AI950S Temperature

Kontrolsystemer → 800xA → I/Os → S900 I/O → I/O Modules

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