

**Data sheet | Item number: 750-963**

Fieldbus Connector CANopen; with D-sub female connector; 9-pole

[www.wago.com/750-963](http://www.wago.com/750-963)



**Color:**



Subject to changes. Please also observe the further product documentation!

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## Item description

This fieldbus connector links a CANopen device to a CANopen line.

The fieldbus connector has the following features:

- Two horizontal cable entries for both input and output
- Fast and maintenance-free CAGE CLAMP® connection – a locking slide keeps the clamping unit in its open position
- Externally operable switch to activate or deactivate the network terminating resistor

Subject to changes. Please also observe the further product documentation!



For the first and last station on the bus, the switch must be set to "ON" (Terminating resistor activated)  
Switch setting to "OFF" for downstream bus stations  
(Terminating resistor deactivated)

## Data

### Technical data

Connection type	D-sub 9 socket
Pole number	9
Communication/fieldbus	CANopen
Baud rate	10 kBd ... 1 MBd (per CANopen specification)

### Connection data

Connection type 1	CAGE CLAMP <sup>®</sup> terminal strip with locking slide (218 Series)
Solid conductor	0.08 ... 0.5 mm <sup>2</sup> / 28 ... 20 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

### Physical data

Width	45 mm / 1.772 inches
Height	16 mm / 0.63 inches
Depth	54 mm / 2.126 inches

### Mechanical Data

Connectable sheathed cable diameter	4.5 ... 9.5 mm
Cable glands (number)	2
Housing material	PA66-105-V2
Weight	27.6 g
Color	light gray

### Environmental requirements

Ambient temperature (operation)	0 ... +60 °C
Ambient temperature (storage)	-25 ... +85 °C
Protection type	IP20
Relative humidity (without condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Fire load	0.95 MJ

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## Commercial data

Product Group	15 (I/O System)
eCl@ss 10.0	27-24-26-92
eCl@ss 9.0	27-24-26-92
ETIM 8.0	EC002584
ETIM 7.0	EC002584
PU (SPU)	1 pcs
Packaging type	bag
Country of origin	DE
GTIN	4045454344405
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>UL</b> Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.1

### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-
	<b>UK-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

### Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	-	22-2219060
	<b>BV</b> Bureau Veritas S.A.	-	30389/C0 BV
	<b>DNV</b> DNV GL SE	DNV-CG-0339, Aug. 2021	TAA0000194

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<b>KR</b> Korean Register of Shipping	-	KR HMB05880-AC001
<b>LR</b> Lloyds Register EMEA	-	LR22180952TA
<b>PRS</b> Polski Rejestr Statków	-	TE/2236/880590/19
<b>RINA</b> RINA Germany GmbH	-	ELE343521XG001

**Approvals for hazardous areas**

Logo	Approval	Additional Approval Text	Certificate name
<b>ATEX</b> TUEV Nord Cert GmbH		EN 60079-0	TUEV14ATEX148929X (II 3 G Ex ec IIC T4 Gc)
<b>CCCEX</b> CQST/CNEx		CNCA-C23-01	2020312310000213 (Ex ec IIC T4 Gc)
<b>EAC</b> Brjansker Zertifizierungsstelle		TP TC 012/2011	EAC RU C-DE.AM02.B.00163 /19 (2Ex nA IIC T4 Gc X)
<b>IECEX</b> TUEV Nord Cert GmbH		IEC 60079-0	IECEX TUN 14.0035 X (Ex ec IIC T4 Gc)
<b>INMETRO</b> TÜV Rheinland do Brasil Ltda.		IEC 60079-0	BR-Ex_TÜV 12.1297 X
<b>UKEx</b> WAGO GmbH & Co. KG		EN 60079-0	UKCA_WAGO22UKEX003X_ec

**Downloads****Documentation****Manual**

System Manual WAGO I/O System 750/753 Decentralized Automation Technology	V 3.3.3 2023 年8月29 日	pdf 8.7 MB	Download
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**Bid Text**

750-963 X81 - Datei	2019 年2月19 日	xml 4.6 kB	Download
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750-963 doc - Datei	2017 年10月6 日	doc 25.1 kB	Download
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**Instruction Leaflet**

CCC Ex (Additional information)	2023 年4月26 日	pdf	Download
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WAGO-I/O-SYSTEM \*750-\*\*\*\*/\*

163.6 kB

### Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 年8月18 日	2.2 MB	

### System Description

Overview on WAGO-I/O-SYSTEM 750 approvals		pdf	Download
		223.5 kB	

### CAD/CAE-Data

#### CAD data

2D/3D Models 750-963		URL	Download
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#### CAE data

EPLAN Data Portal 750-963		URL	Download
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WSCAD Universe 750-963		URL	Download
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ZUKEN Portal 750-963		URL	Download
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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 750-963		URL	Download
Fieldbus Connector CANopen; with D-sub female connector; 9-pole			

### Installation Notes

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