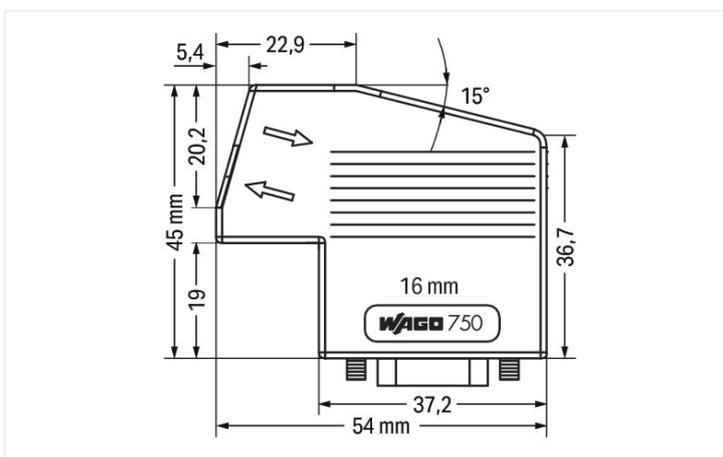


Color: ■ light gray



Dimensions in mm

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

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)

Technical data

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

Connection Data

Connection type	CAGE CLAMP® terminal strip with locking slide (218 Series)
Solid conductor	0.08 ... 0.5 mm ² / 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

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

Commercial data

Product Group	15 (I/O System)
PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4045454344405
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
eCl@ss 10.0	27-24-26-92
eCl@ss 9.0	27-24-26-92
ETIM 9.0	EC002584
ETIM 10.0	EC002584
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations											
			<table border="1"> <thead> <tr> <th>Approval</th> <th>Standard</th> <th>Certificate Name</th> </tr> </thead> <tbody> <tr> <td>EU-Declaration of Conformity WAGO GmbH & Co. KG</td> <td>-</td> <td>-</td> </tr> <tr> <td>UK-Declaration of Conformity WAGO GmbH & Co. KG</td> <td>-</td> <td>-</td> </tr> </tbody> </table>			Approval	Standard	Certificate Name	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-
Approval	Standard	Certificate Name												
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-												
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-												
<table border="1"> <thead> <tr> <th>Approval</th> <th>Standard</th> <th>Certificate Name</th> </tr> </thead> <tbody> <tr> <td>UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)</td> <td>UL 508</td> <td>E175199</td> </tr> </tbody> </table>	Approval	Standard	Certificate Name	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199								
Approval	Standard	Certificate Name												
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199												

Approvals for marine applications

Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	22-2219060
BV Bureau Veritas S.A.	-	30389/C0 BV
DNV DNV GL SE	DNV-CG-0339, Aug. 2021	TAA0000194
KR Korean Register of Shipping	-	KR HMB05880-AC001
LR Lloyds Register EMEA	-	LR22180952TA
PRS Polski Rejestr Statków	-	TE/1101/880590/23
RINA RINA Germany GmbH	-	ELE343521XG001

Approvals for hazardous areas

Approval	Standard	Certificate Name
ATEX TUEV Nord Cert GmbH	EN 60079-0	TUEV14ATEX148929X (II 3 G Ex ec IIC T4 Gc)
CCCEX CQST/CNEX	CNCA-C23-01	2020312310000213 (Ex ec IIC T4 Gc)
IECEX TUEV Nord Cert GmbH	IEC 60079-0	IECEX TUN 14.0035 X (Ex ec IIC T4 Gc)
INMETRO TUV Rheinland do Brasil Ltda.	IEC 60079-0	TUV 12.1297 X
UKEX WAGO GmbH & Co. KG	EN 60079-0	UKCA_WA GO22UKEX003X_ec

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 750-963	

Documentation

System Description

Overview on WAGO-I/O-SYSTEM 750 approvals	pdf	770.48 KB	↓
-------------------------------------------	-----	-----------	-------------------

Bid Text

750-963	06.10.2017	doc	24.50 KB	↓
750-963	19.02.2019	xml	4.47 KB	↓

Instruction Leaflet

CCC Ex (Additional information)	26.04.2023	pdf	159.76 KB	↓
---------------------------------	------------	-----	-----------	-------------------

CAD/CAE-Data

CAD data

2D/3D Models 750-963	↓
----------------------	-------------------

CAE data

EPLAN Data Portal 750-963	↓
WSCAD Universe 750-963	↓
ZUKEN Portal 750-963	↓