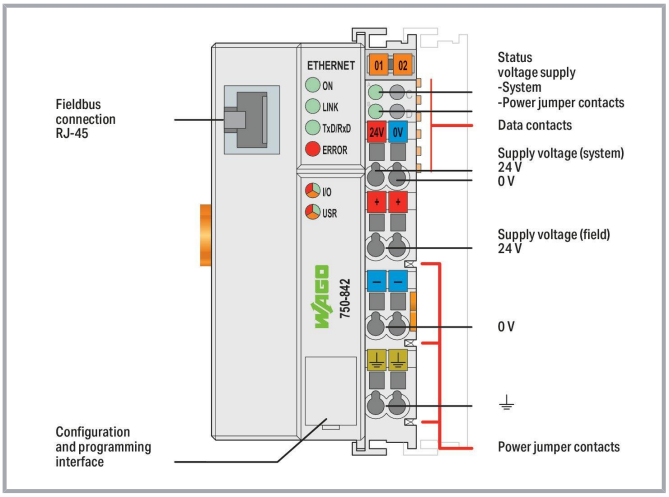
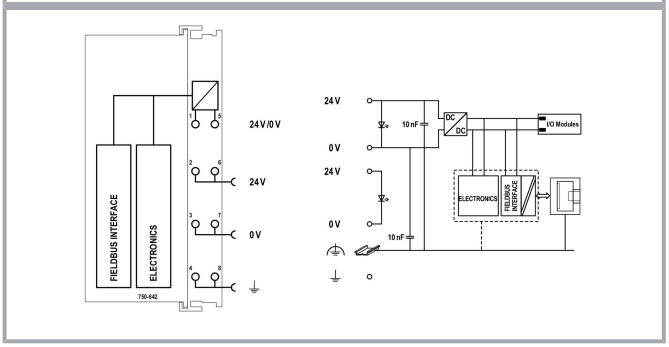
Data sheet | Item number: 750-842

Controller ETHERNET; 1st Generation

www.wago.com/750-842

Color:





Item description

The ETHERNET Controller combines control functionality, I/O interface and ETHERNET in one device.

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Application programming is IEC 61131-3 compliant.

Function blocks allow both clients and servers to be programmed via socket APIs for all transport protocols (e.g., TCP, UDP).

Features and applications:

- Decentralized control to optimize support for a PLC or PC
- Devide complex applications into individually testable units
- Programmable fault response in the event of fieldbus failure
- Signal pre-processing to reduce fieldbus transmissions
- Directly control peripheral equipment for faster system response times
- Stand-alone, compact controller

Data
Technical data

Communication	Modbus (TCP, UDP) ETHERNET
ETHERNET protocols	HTTP BootP
Visualization	none
CPU	16 bits
Programming languages per IEC 61131-3	Instruction List (IL) Ladder Diagram (LD) Function Block Diagram (FBD) Continuous Function Chart (CFC) Structured Text (ST) Sequential Function Chart (SFC)
Programming environment	WAGO-I/O-*PRO* V2.3 (based on CODESYS V2.3)
Configuration options	WAGO-I/O-*CHECK*
Cycle time	< 3 ms for 1000 bit instructions/ 256 digital I/O
Baud rate (communication/fieldbus 1)	10 Mbit/s
Baud rate	10 Mbit/s
Bus segment length (max.)	100 m
Transmission medium (communication/fieldbus)	Twisted Pair S-UTP; 100 Ω; Cat. 5
Program memory	128 KB
Data memory	64 KB
Non-volatile software memory	8 Kbytes
Memory for fieldbus input variables (max.)	512 Byte
Memory for fieldbus output variables (max.)	512 Byte
Number of modules per node (max.)	64
Input and output process image (fieldbus) max.	512 bytes/512 bytes

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Indicators	LED (ON, LINK, TxD/RxD) green: Fieldbus initialization, network connection, data exchange; LED (ERROR) red: Fieldbus error; LED (I /O, USR) red/green/orange: Local data bus status, status programmable by user; LED (A, B) green: System power supply status, field supply
Supply voltage (system)	24 VDC (-25 … +30 %); via pluggable connector (CAGE CLAMP® connection)
Input current (typ.) at nominal load (24 V)	500 mA
Power supply efficiency (typ.) at nominal load (24 V)	87 %
Current consumption (5 V system supply)	200 mA
Total current (system supply)	1,800 mA
Supply voltage (actuator)	N/A N/A
Supply voltage (field)	24 VDC (-25 … +30 %); via power jumper contacts
Current carrying capacity (power jumper contacts)	10 A
Number of outgoing power jumper contacts	3
Isolation	500 V system/field

Connection data

Connection technology: communication/fieldbus	Modbus (TCP, UDP): 1 x RJ-45
Connection technology: system supply	2 x CAGE CLAMP®
Connection technology: field supply	6 x CAGE CLAMP®
Connection type 1	System/field supply
Solid conductor	0.08 … 2.5 mm² / 28 … 14 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 14 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inches
Connection technology: device configuration	1 x Male connector; 4-pole

Physical data

Width	50.5 mm / 1.988 inches
Height	100 mm / 3.937 inches
Depth	71.1 mm / 2.799 inches
Depth from upper-edge of DIN-rail	63.9 mm / 2.516 inches

Mechanical Data

Weight	179 g
Color	light gray
Housing material	Polycarbonate; polyamide 6.6

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Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	0 … +55 °C
Ambient temperature (storage)	-25 … +85 °C
Protection type	IP20
Pollution degree	2 per IEC 61131-2
Operating altitude	without temperature derating: 0 … 2000 m; with temperature derating: 2000 … 5000 m (0.5 K/100 m); 5000 m (max.)
Relative humidity (without condensation)	95 %
Mounting position	any
Mounting type	DIN-35 rail
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2, marine applications
EMC emission of interference	per EN 61000-6-4, marine applications
Exposure to pollutants	Per IEC 60068-2-42 and IEC 60068-2-43
Fire load	3.401 MJ
Permissible H_2S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO_2 contaminant concentration at a relative humidity 75 %	25 ppm

Commercial data

Product Group	15 (I/O System)
eCl@ss 10.0	27-24-26-07
eCl@ss 9.0	27-24-26-07
ETIM 8.0	EC000236
ETIM 7.0	EC000236
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454527198
Customs tariff number	85371091990

Environmental Product Compliance

CAS-No.	12060-00-3

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	1303-86-2 1317-36-8 7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Diboron trioxide Lead Lead monoxide Lead titanium oxide (PbTiO3)
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	f1c2772b-f8cc-4ac3-9b16-0c7bbfb407ba
SCIP notification number (Belgium)	0a2146d9-0dfe-4b81-b012-e82db9bc2f72
SCIP notification number (Bulgaria)	077fe39f-65c1-44be-b3e2-aa6b44a4e4cf
SCIP notification number (Czech Republic)	56bb7842-a37c-487d-82c9-551956c45f82
SCIP notification number (Denmark)	473abf6a-c35c-47b6-812b-2d7e1b6a2afb
SCIP notification number (Finland)	d9d17291-a441-48d0-bb8c-71798a95781e
SCIP notification number (France)	9dd56de8-b284-49e7-b258-27276d2c307b
SCIP notification number (Germany)	f4d2f3a3-6770-435b-85ea-0c68ff3f0cdc
SCIP notification number (Hungary)	96bafdbf-dfd1-4a05-a4db-26f3c303fefd
SCIP notification number (Italy)	b9e61f3c-b330-4140-993c-3a0c7d319f05
SCIP notification number (Netherlands)	da423579-a0b2-43e8-8a3e-8233cc08e6d8
SCIP notification number (Poland)	4f22f942-2775-4bb5-ab3c-1044df56f9a5
SCIP notification number (Romania)	ac619a1e-3c05-427b-bafd-92fcde65afd0
SCIP notification number (Sweden)	3bd2dd5a-bc65-4d97-a08c-53025af221f4

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCC CNEX	CNCA-C23-01	2020312310000213 (Ex ec IIC T4 Gc)
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087/19
	KC	Article 58-2, Clause 3	MSIP-REM-W43-

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	National Radio Research Agency		PFC750
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.1

Declarations of conformity and manufacturer's declarations

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

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	22-2219060
	BSH Bundesamt fuer Seeschifffahrt und Hydrographie	-	1104
	BV Bureau Veritas S.A.	-	13453/E0 BV
	DNV DNV GL SE	DNV-CG-0339,Aug.2021	TAA0000194
	KR Korean Register of Shipping	-	KR HMB05880-AC001
	LR Lloyds Register EMEA	-	LR22180952TA

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	PRS Polski Rejestr Statków	-	TE/2236/880590 /19
	RINA RINA Germany GmbH	-	ELE343521XG001

Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
	ATEX TUEV Nord Cert GmbH	EN 60079-0	TUEV_14_ATEX_148929_X (II 3 G Ex ec IIC T4 Gc)
	CCC CNEX	CNCA-C23-01	2020312310000213 (Ex ec IIC T4 Gc)
	EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	EAC RU C-DE.AM02.B.00163 /19 (2Ex nA IIC T4 Gc X)
	IECEx TUEV Nord Cert GmbH	IEC 60079-0	IECEx TUN 14.0035 X (Ex ec IIC T4 Gc)
	INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079-0	BR-Ex_TÜV 12.1297 X
	UKEx WAGO GmbH & Co. KG	EN 60079-0	UKCA_WAGO22UKEX003X_ec
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1

Optional accessories

Communication

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Communication cable

	Item no.: 750-923 Configuration cable; USB connector; Length: 2.5 m	www.wago.com/750-923
	Item no.: 750-923/000-001 Configuration cable; USB connector; Length: 5 m	www.wago.com/750-923/000-001

Carrier rail

Mounting accessories

	Item no.: 210-197 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored	www.wago.com/210-197
	Item no.: 210-198 Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	www.wago.com/210-198
	Item no.: 210-504 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored	www.wago.com/210-504
	Item no.: 210-505 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored	www.wago.com/210-505
	Item no.: 210-506 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored	www.wago.com/210-506
	Item no.: 210-508 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored	www.wago.com/210-508
	Item no.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-113
	Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-118
	Item no.: 210-112 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored	www.wago.com/210-112
	Item no.: 210-114 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	www.wago.com/210-114
	Item no.: 210-115 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored	www.wago.com/210-115
	Item no.: 210-196 Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	www.wago.com/210-196

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System housing

System enclosure

	Item no.: 850-814/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (200x120x200 mm); without flange plate	www.wago.com/850-814/002-000
	Item no.: 850-815/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate	www.wago.com/850-815/002-000
	Item no.: 850-816/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (400x120x200 mm); without flange plate	www.wago.com/850-816/002-000
	Item no.: 850-817/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (600x120x200 mm); without flange plate	www.wago.com/850-817/002-000
	Item no.: 850-825 IP65 enclosure; Aluminium (RAL 7032); WxHxD (160x100x160 mm); 9 x M12, 4 x M20	www.wago.com/850-825
	Item no.: 850-826 IP65 enclosure; Aluminium (RAL 7032); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	www.wago.com/850-826
	Item no.: 850-827 IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip	www.wago.com/850-827
	Item no.: 850-827/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip	www.wago.com/850-827/002-000
	Item no.: 850-826/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	www.wago.com/850-826/002-000
	Item no.: 850-828/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip	www.wago.com/850-828/002-000
	Item no.: 850-828 IP65 enclosure; Aluminium (RAL 7032); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip	www.wago.com/850-828
	Item no.: 850-834 IP65 enclosure; Polyester (RAL 7032); WxHxD (164x100x164 mm); 9 x M12, 4 x M20	www.wago.com/850-834
	Item no.: 850-835 IP65 enclosure; Polyester (RAL 7032); WxHxD (244x100x164 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	www.wago.com/850-835

Item no.: 850-836

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IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip — www.wago.com/850-836

Cables and pluggable connectors

Connector plug

Item no.: 750-975
ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly — www.wago.com/750-975

Item no.: 750-978/000-012
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief — www.wago.com/750-978/000-012

Item no.: 750-979/000-012
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief — www.wago.com/750-979/000-012

Item no.: 750-978/000-021
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief — www.wago.com/750-978/000-021

Item no.: 750-979/000-022
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief — www.wago.com/750-979/000-022

Item no.: 750-978/000-022
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief — www.wago.com/750-978/000-022

Item no.: 750-979/000-011
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief — www.wago.com/750-979/000-011

Item no.: 750-979/000-021
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief — www.wago.com/750-979/000-021

Item no.: 750-977/000-011
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22 — www.wago.com/750-977/000-011

Item no.: 750-978/000-011
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief — www.wago.com/750-978/000-011

Item no.: 750-977/000-022
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24 — www.wago.com/750-977/000-022

Item no.: 750-977/000-012
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22 — www.wago.com/750-977/000-012

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	Item no.: 750-977/000-021 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24	www.wago.com/750-977/000-021

Marking accessories

Marker carrier

	Item no.: 750-103 Group marker carrier	www.wago.com/750-103

Marker

	Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/2009-145/000-006
	Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-145
	Item no.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	www.wago.com/2009-145/000-002
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/2009-145/000-007
	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	www.wago.com/2009-145/000-005
	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/2009-145/000-012
	Item no.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/2009-145/000-023
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/2009-145/000-024
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/248-501/000-006
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/248-501/000-007

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Item no.: 248-501/000-002
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow
www.wago.com/248-501/000-002

Item no.: 248-501/000-012
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange
www.wago.com/248-501/000-012

Item no.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white
www.wago.com/248-501

Item no.: 248-501/000-017
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green
www.wago.com/248-501/000-017

Item no.: 248-501/000-005
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red
www.wago.com/248-501/000-005

Item no.: 248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet
www.wago.com/248-501/000-024

Item no.: 248-501/000-023
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green
www.wago.com/248-501/000-023

Item no.: 750-100
Marker card; as a DIN A4 sheet; plain
www.wago.com/750-100

Group marker carrier

Item no.: 750-106
Group marker carrier
www.wago.com/750-106

Shield termination

Shield clamping saddles

Item no.: 790-116
Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 … 16 mm
www.wago.com/790-116

Item no.: 790-124
Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 … 24 mm
www.wago.com/790-124

Item no.: 790-108
Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 … 8 mm
www.wago.com/790-108

Item no.: 790-140
Shield clamping saddle; diameter of compatible conductor
www.wago.com/790-140

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	Item no.: 790-216 Shield clamping saddle; 21.8 mm wide; 6 … 16 mm	www.wago.com/790-216
	Item no.: 790-220 Shield clamping saddle; 30 mm wide; 6 … 20 mm	www.wago.com/790-220
	Item no.: 790-208 Shield clamping saddle; 12.4 mm wide; 3 … 8 mm	www.wago.com/790-208

Software

Basic version

	Item no.: 759-333 WAGO-I/O-PRO	www.wago.com/759-333
	Item no.: 759-333/000-923 WAGO-I/O-PRO; USB-Set	www.wago.com/759-333/000-923

Downloads

Documentation

Manual

System Manual WAGO I/O System 750/753 Decentralized Automation Technology	V 3.3.0 2023 May 4	pdf 8.8 MB	Download
Product Manual ETHERNET TCP/IP Programmable Fieldbus Controller 10 Mbit/s; digital and analog signals	V 2.3.0	pdf 5.9 MB	Download
System Manual Series 750/753 Online HTML		URL	Download

Quick-Start Guide

Quick Start ETHERNET Fieldbus Controller 750-842	V 1.0.3	pdf 425.0 kB	Download

Bid Text

750-842 X81 - Datei	2019 Feb 19	xml 6.6 kB	Download
750-842 doc - Datei	2015 Jul 22	doc 33.8 kB	Download

Instruction Leaflet

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CCC Ex (Additional information) WAGO-I/O-SYSTEM *750-****/*	2023 Apr 26	pdf 163.6 kB	Download

System Description

Overview on WAGO-I/O-SYSTEM 750 approvals		pdf 789.0 kB	Download
750 Controller, General Product Information		pdf 519.7 kB	Download

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download

Application Notes

Application note, other

Anbindung an MCPS Datenerfassungs Software (a116400) MCPS (Multi Channel Process System) ist eine PC-basierte Datenerfassungssoftware, die auf den Betriebsystemen Windows2000, XP, Vista oder höher läuft. Alle Meß- und Auswerteaufgaben werden allein durch Konfiguration der Software vorgenommen. MCPS ist KEINE grafische Programmieroberfläche und kann somit leicht von jedem Anwender bedient werden.	1.1.1 2009 May 20	zip 405.5 kB	Download

Application Note CoDeSys 2.3

HART-Module 750-482 on the ETHERNET-Controller (a116100) This application note describes the connection of any HART sensor to the WAGO ETHERNET Controller 750-841 using the TH102 from ABB, for example. The connection is made via the HART Module 750-482 and “WagoLibHART_03.lib” CODESYS library. Section 3 describes the creation of a PLC program that reads and processes data from the HART sensor cyclically. Section 4 describes the execution of device-specific HART commands, e.g., Promag23 from Endress&Hauser. Section 5 describes the parameterization of the HART sensor from the FDT/DTM frame application “WAGOframe”.	1.0.0 2008 Aug 6	zip 898.1 kB	Download
Modbus Configuring & Networking The 750-812, -814, -815, -816 & -842 Modbus TCP (a202101) The purpose of this document is to provide a step-by-step procedure for Configuring & Networking the WAGO 750-812, -814, -815, -816 & -842 Modbus TCP 750-837 PFC. This document is to be used with the example node from the document Get Started Quick. The following equipment and software were used to Configuring and Network the Modbus network.	1.0.0 2002 Nov 28	zip 261.3 kB	Download

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Libraries

Library

Connecting HART-Modules 750-482 and 750-484 The library "WagoLibHART_03.lib" offers a set of function blocks to execute HART-commands (Revision 5) in a PLC program. The principal item of this library is program HART_INFO, it identifies connected HART modules like 750-482 and coordinates the Kbus access. In addition you find with HART_FDT program that act as counterpart to WAGO-ModbusTCP-HART-DTM, who enable configuration of HART devices with every FDT-Frameapplication like "WAGOframe".	3.1.0 2018 Jan 19	zip 331.0 kB	Download
Control DC motor with 750-636 The "MC1_DC_Control.lib" library provides a function block which allows to configure the module 750-636 as well as to operate a DC motor.	1.0.0 2017 Nov 8	zip 150.5 kB	Download
Modbusmaster for Ethernet The ModbusEthernet_04.lib library provides the user with the two function modules, ETHERNET_MODBUSMASTER_UDP and ETHERNET_MODBUSMASTER_TCP. With these modules, a data exchange can be set up with several Modbus TCP / UDP slaves. The ETHERNET_MODBUSMASTER_UDP module should be used in preference, as this enables faster data transfer. The ETHERNET_TERMINAL_MODBUSSLAVE module is also included in the library. This module provides a Modbus server, which maps the Modbus services to a word array.	1.0.0 2013 Jan 24	zip 418.7 kB	Download
Condition monitoring with 750-645 The WagoLib_VIO.lib library provides a function block which allows to configure the module 750-645.	1.0.1 2011 Jul 27	zip 112.8 kB	Download
Sending E-Mails based on "Ethernet.lib" Sending E-Mails with an 750-842 based on the "Ethernet.lib".	1.0.1 2004 Jan 20	zip 318.7 kB	Download

Engineering-Software

Configuration and Commissioning Software

(759-316) WAGO Ethernet Settings / Serie 750	06.18.01.01 2023 Feb 28	zip 27.3 MB	Download
WAGO-IO-PRO Demo-Version (759-912) / Serie 750, 758 und 762 Für ein Firmwareupdate können Sie sich jederzeit an den Support wenden.	V 2.3.9.68 2022 Feb 17	zip 125.5 MB	Download

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Runtime Software

Firmware

0750-0842, Controller ETHERNET WAGO_FW0750-0842_V050502_IX19_S	V 19 2021 Oct 21	zip 765.8 kB	Download

CAD/CAE-Data

CAD data

2D/3D Models 750-842		URL	Download

CAE data

EPLAN Data Portal 750-842		URL	Download
WSCAD Universe 750-842		URL	Download
ZUKEN Portal 750-842		URL	Download

Device Files

Device Driver

WAGO USB Service Kabel Treiber / Serie 750 und 857	6.5.3.0 2014 Sep 10	zip 4.8 MB	Download

Device Description File

MIB-Datei für Ethernet-Controller / Serie 750	2.0 2012 Apr 3	zip 6.1 kB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 750-842 Controller ETHERNET; 1st Generation		URL	Download

Installation Notes

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Product family

Controller 750
Show all products from the family

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