



Color:



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



Item description

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

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

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

- 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 |
| 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 % |

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



| | |
|---|---|
| Current consumption (5 V system supply) | 200 mA |
| Total current (system supply) | 1,800 mA |
| 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 mm ² / 28 ... 14 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm ² / 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

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|-----------------------------------|------------------------|
| 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 |
| 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.) |

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| | |
|--|---------------------------------------|
| 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 ₂ S 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 |
| Recupel Type | |
| PU (SPU) | 1 pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4045454527198 |
| Customs tariff number | 85371091990 |

Environmental Product Compliance

| | |
|--------------------------------|--|
| CAS-No. | 11120-22-2 12060-00-3 1303-86-2 1317-36-8 25550-51-0 7439-92-1 79-94-7 |
| REACH Candidate List Substance | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 4-Methyl-1,2-cyclohexanedicarboxylic anhydride Diboron trioxide Lead |

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| | |
|---|--|
| | Lead monoxide Lead silicate 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 |
|------|--|--------------------------|-------------------------------------|
| | EAC Brjansker Zertifizierungsstelle | TP TC 020/2011 | EAC RU C-DE.AM02. B.00087 /19 |
| | KC National Radio Research Agency | Article 58-2, Clause 3 | MSIP-REM-W43-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 | - | - |

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WAGO GmbH & Co. KG

UK-Declaration of Conformity
 WAGO GmbH & Co. KG

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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 |
| | 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 | TUEV14ATEX148929X (II 3 G Ex ec IIC T4 Gc) |
| | CCCEX CQST/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 |

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Optional accessories

Communication

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

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

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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

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

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

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| 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 |
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| 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 |
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|---|--|
| 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 |
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|---|--|
| 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 |
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| Item no.: 750-977/000-011 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22 | www.wago.com/750-977/000-011 |
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|---|--|
| 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 |
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|--|--|
| Item no.: 750-977/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24 | www.wago.com/750-977/000-022 |
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|--|--|
| 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 |
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Software

Basic version

| | |
|--|--|
| Item no.: 759-333 WAGO-I/O-PRO | www.wago.com/759-333 |
|--|--|

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

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 |
|--|--|

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| 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 IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip | www.wago.com/850-836 |
| 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- | www.wago.com/210-198 |

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



colored

Item no.: 210-504Steel 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**Shield termination**

Shield clamping saddles

Item no.: 790-116Shield 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**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

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Item no.: 790-208

Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm

www.wago.com/790-208

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 |
|--|-------------------------|---------------|----------|

| | | | |
|--|---------|---------------|----------|
| 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 年2月19 日 | xml 6.6 kB | Download |
|------------------------|--------------|---------------|----------|

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|------------------------|--------------|----------------|----------|
| 750-842 doc - Datei | 2015 年7月22 日 | doc 33.8 kB | Download |
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Instruction Leaflet

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| CCC Ex (Additional information) WAGO-I/O-SYSTEM *750-****/* | 2023 年4月26 日 | pdf 163.6 kB | Download |
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System Description

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|---|--|-----------------|----------|
| Overview on WAGO-I/O-SYSTEM 750 approvals | | pdf 223.5 kB | Download |
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| 750 Controller, General Product Information | | pdf 607.2 kB | Download |
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Additional Information

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| Disposal and Recycling | V 1.1.0 | pdf | Download |
|------------------------|---------|-----|----------|

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

Application Notes

Application note, other

| | | | |
|--|-------------|----------|----------|
| Anbindung an MCPS Datenerfassungs Software (a116400) | 1.1.1 | zip | Download |
| MCPS (Multi Channel Process System) ist eine PC-basierte Datenerfassungssoftware, die auf den Betriebssystemen 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. | 2009 年5月20日 | 405.5 kB | |

Application Note CoDeSys 2.3

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|--|------------|----------|----------|
| HART-Module 750-482 on the ETHERNET-Controller (a116100) | 1.0.0 | zip | Download |
| 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". | 2008 年8月6日 | 898.1 kB | |

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|---|--------------|----------|----------|
| Modbus Configuring & Networking The 750-812, -814, -815, -816 & -842 Modbus TCP (a202101) | 1.0.0 | zip | Download |
| 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. | 2002 年11月28日 | 261.3 kB | |

Libraries

Library

| | | | |
|--|-------------|----------|----------|
| Connecting HART-Modules 750-482 and 750-484 | 3.1.0 | zip | Download |
| 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". | 2018 年1月19日 | 331.0 kB | |

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| Control DC motor with 750-636 | 1.0.0 | zip | Download |
| Subject to changes. Please also observe the further product documentation! | | | |



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|---|-----------------------|-----------------|----------|
| 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. | 2017 年11 月8 日 | 150.5 kB | |
| 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 年1月24 日 | 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 年7月27 日 | 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 年1月20 日 | zip 318.7 kB | Download |

Engineering-Software

Configuration and Commissioning Software

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|--|------------------------------|-----------------|----------|
| 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 年2月17 日 | zip 125.5 MB | Download |
| (759-316) WAGO Ethernet Settings / Serie 750 | 06.18.00.02 2021 年11月11 日 | zip 20.0 MB | Download |

Runtime Software

Firmware

| | | | |
|---|-----------------------|-----------------|----------|
| 0750-0842, Controller ETHERNET WAGO_FW0750-0842_V050502_IX19_S | V 19 2021 年10月21 日 | zip 765.8 kB | Download |
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CAD/CAE-Data

CAD data

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| 2D/3D Models 750-842 | | URL | Download |
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CAE data

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| EPLAN Data Portal 750-842 | URL | Download |
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| WSCAD Universe 750-842 | URL | Download |
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| ZUKEN Portal 750-842 | URL | Download |
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Device Files

Device Driver

| | | | |
|--|-------------------------|---------------|--------------------------|
| WAGO USB Service Kabel Treiber / Serie 750 und 857 | 6.5.3.0 2014 年9月10 日 | zip 4.8 MB | Download |
|--|-------------------------|---------------|--------------------------|

Device Description File

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|---|--------------------|---------------|--------------------------|
| MIB-Datei für Ethernet-Controller / Serie 750 | 2.0 2012 年4月3 日 | zip 6.1 kB | Download |
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Environmental Product Compliance

Compliance Search

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

Installation Notes

Product family

Controller 750
[Show all products from the family](#)

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