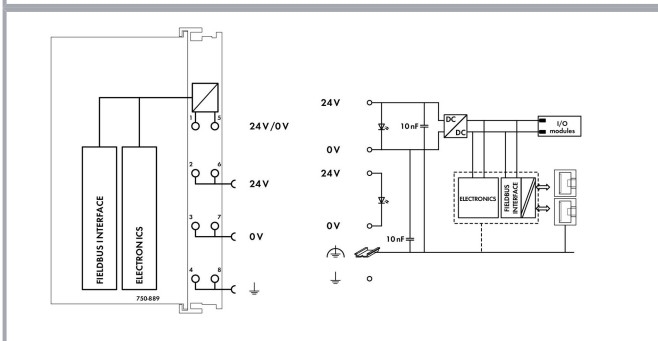
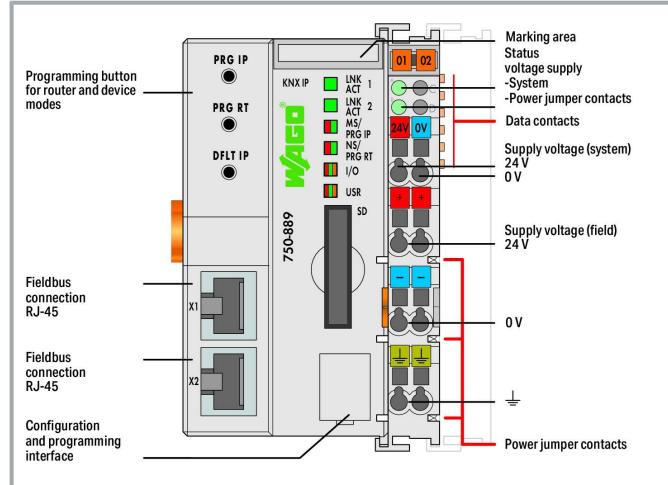




Color:



Item description

This controller can accommodate up to two KNX logic devices at the same time.

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WAGO Kontakttechnik GmbH & Co. KG
 Hansastr. 27
 32423 Minden
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Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



- 1. In conjunction with the WAGO I/O System, the KNX IP Controller is used as a user-programmable application controller within KNX IP networks. The controller supports all digital, analog and specialty modules found within the 750/753 Series. The IEC 61131-3 programmable controller is capable of 10/100 Mbit/s data rates. KNX objects of any type (EIS/DPT) can be created using the programming tool. Libraries including pre-made function blocks are readily available on the WAGO Website for programming. The controller supports a maximum of 253 communication objects, as well as 254 group addresses and associations.
- 2. Combined with the KNX/EIB/TP1 Module, the 750-889 KNX IP Controller operates as a router on an IP backbone (ETHERNET). No IEC application is required for router functionality.

Both devices are commissioned and configured via ETS software using the WAGO product database. The software includes a plug-in that automatically installs and opens for configuration.

The KNX IP Controller features an integrated 2-port 10/100 Mbit/s switch, allowing a line structure to be easily created without additional network components. The maximum number of controllers that can be wired in series is 20.

An internal server is available for Web-based applications.

The controller provides 1024 KB program memory, 1024 KB data memory and 32 KB retain memory. It is capable of multitasking, has a battery-backed, real-time clock and is based on a 32-bit CPU.

The controller offers many different application protocols for control tasks (MODBUS, KNXnet/IP) or for system management and diagnostics (HTTP, BootP, DHCP, DNS, AutoIP, SNTP, FTP, SNMP and SMTP).

The number of KNX/EIB/TP1 Modules (750-646) supported by the KNX IP Controller does not depend on the application.

Note:

The WAGO ETS3/4 plug-in is a component of the WAGO-ETS3 product databank and can be downloaded for free at www.wago.com.

Data

Technical data

Communication	KNX IP Modbus (TCP, UDP) ETHERNET
ETHERNET protocols	HTTP BootP DHCP DNS AutoIP SNTP FTP SNMP V3 SMTP
Visualization	Web Visu
CPU	32 bits
Programming languages per IEC 61131-3	Instruction List (IL) Ladder Diagram (LD) Function Block Diagram (FBD), Continuous Function Chart (CFC)

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



	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 Web-Based Management
Device specification	KNX/TP1 bus specification: 1.0
Network length (max.)	≤ 2000 m; max. 20 controllers in series
Baud rate (communication/fieldbus 1)	10/100 Mbit/s
Baud rate	10/100 Mbit/s
Bus segment length (max.)	100 m
Transmission medium (communication/fieldbus)	S-UTP; 100 Ω; Cat. 5
Program memory	1024 kByte
Data memory	1024 kByte
Non-volatile software memory	32 Kbytes
Memory for fieldbus input variables (max.)	512 Byte
Memory for fieldbus output variables (max.)	512 Byte
Memory card type	SD and SDHC up to 32 GB (all guaranteed properties only valid with WAGO Memory Card)
Memory card slot	Push-push mechanism; Cover lid (sealable)
Number of modules per node (max.)	250
Number of modules without a bus extension (max.)	64
Input and output (fieldbus) process image (max.)	1020 Worte/1020 Worte
Device-specific	Number of group addresses: 254; Number of communication objects: 253
Indicators	LED (LINK/ACT) green: Network connection via ports 1 ... 2; LED (MS /PRG IP, NS/PRG RT) red/green: IP device programming mode, router; 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)	90 %
Power consumption (5 V system supply)	450 mA
Total current (system supply)	1,700 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
KNX certified	IP Controller: 61/8316/08; IP Router: 61/8317/08

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

Connection data

Connection technology: communication/fieldbus	KNX IP: 2 x RJ-45; Modbus TCP/UDP: 2 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 inch
Connection technology: device configuration	1 x Male connector; 4-pole

Physical data

Width	61.5 mm / 2.421 inch
Height	100 mm / 3.937 inch
Depth	71.9 mm / 2.831 inch
Depth from upper edge of DIN-rail	64.7 mm / 2.547 inch

Mechanical data

Weight	192 g
Color	gray
Housing material	Polycarbonate; polyamide 6.6
Conformity marking	CE

Environmental requirements

Surrounding air temperature (operation)	0 ... 55 °C
Surrounding air temperature (storage)	-25 ... 85 °C
Protection type	IP20
Pollution degree (5)	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

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


EMC emission of interference	per EN 61000-6-3
Exposure to pollutants	Per IEC 60068-2-42 and IEC 60068-2-43
Fire load	2.665 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


PU (SPU)	1 Stück
Packaging type	box
Country of origin	DE
GTIN	4055143093330
Customs tariff number	85371091990

Approvals / Certificates


Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1




Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP- REM-W43- PFC750


Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19- HG1821926
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAA0000194


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

	LR Lloyds Register	-	02/20026 (E6)
	PRS Polski Rejestr Statków	-	TE/2236 /880590/19
	RINA RINA Germany GmbH	-	ELE066419XG


UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.1












Required accessories**Memory card**

Memory card		
	Item no.: 758-879/000-001 Memory Card SD; SLC-NAND; 2 GByte; Temperature from -40 to 90 °C	www.wago.com/758-879/000-001
	Item no.: 758-879/000-2108 Memory Card SD; pSLC-NAND; 8 GB; Temperature range: -40 to 90°C	www.wago.com/758-879/000-2108






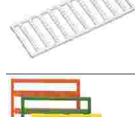
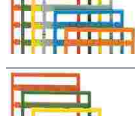
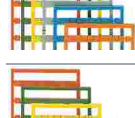
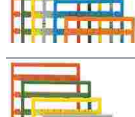
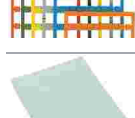

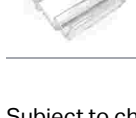
Optional accessories**Shield termination**

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

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

	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
	Item no.: 790-208 Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm	www.wago.com/790-208
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

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

	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
	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

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



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

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

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



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



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

www.wago.com/750-977/000-021

General accessories

Bluetooth



Item no.: 750-921
Bluetooth® Adapter

www.wago.com/750-921

Communication cable

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



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

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



Item no.: 759-911
WAGO-I/O-PRO; CD

www.wago.com/759-911

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

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

Data sheet | Item number: 750-889

www.wago.com/750-889



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

Downloads

Documentation

Manual

KNX IP Controller 32-bit CPU with Multitasking	V 1.0.2	pdf 16.5 MB	Download
WAGO ETS Plug-in (Product Data Base) for configuring WAGO KNX devices	V 3.0.1	pdf 2.9 MB	Download
System Manual WAGO I/O System 750 / 753 Decentralized Automation Technology	V 3.0.2 2021. 4. 27.	pdf 6.6 MB	Download
System Manual Series 750/753 Online HTML		URL	Download

Bid Text

750-889 X81 - Datei	2019. 2. 19.	xml 9.3 kB	Download
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Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



750-889 doc - Datei	2015. 5. 19.	doc 35.3 kB	Download
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System Description

Overview on WAGO-I/O-SYSTEM 750 approvals		pdf 780.2 kB	Download
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Use in Hazardous Environments Term definition, marking and installation regulations	V 1.0.0	pdf 1.0 MB	Download
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750 Controller, General Product Information		pdf 621.9 kB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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Application Notes

Application Note CoDeSys 2.3

Application Note flexROOM [®] Weather Decoder	2015. 8. 7.	ZIP 1.1 MB	Download
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This Application Note explains how the flexROOM[®] Weather application can be integrated into a project in which no flexROOM[®] Office distribution boxes are used.

Anbindung der HKW-Elektronik Wetterprognose-Station WS-K xx T ModBus Dieser Anwendungshinweis beschreibt, wie die Kommunikation zwischen dem WAGO-I/O-System und einer HKW-Elektronik Wetterprognose-Station Kompakt realisiert werden kann.	V 1.1 2017. 7. 7.	zip 781.1 kB	Download
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Application Note DaylightSaving This Application Note explains how automatic switching between standard/daylight savings time can be implemented on the Ethernet fieldbus controller 750-841, starting from Firmware version 11.	02.04.07 2011. 11. 8.	zip 682.4 kB	Download
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HART Tool Routing via ETHERNET with 750-820x/750-88x and CODESYS 2.3 (a116120)	1.0.0 2019. 3. 22.	pdf 3.9 MB	Download
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This application note describes how to set up asset management systems, which facilitate simple, efficient configuration of HART field devices.
With the Cerabar PMC51 (Endress+Hauser) as an example, a connection is established from any HART sensor to a WAGO PROFIBUS Controller and a WAGO ETHERNET Fieldbus Coupler. The configuration is made with the asset management software WAGOframe, PACTware und FieldCare.

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



<p>KNX Function Macros</p> <p>Based on the library KNX_02.lib WAGO provides different function macros out of the building automation.</p>	<p>V 2020-05-12 2020. 5. 12.</p>	<p>zip 120.6 MB</p>	<p>Download</p>
<p>HVAC System Macros</p> <p>WAGO provides system macros for HVAC applications that are based on Building_HVAC_03.lib.</p>	<p>10.03.2017 2019. 3. 15.</p>	<p>zip 13.6 MB</p>	<p>Download</p>
<p>Application Note KNX StarterKit3</p> <p>This Application Note includes the commissioning instructions for the KNX IP StarterKit 3.</p>	<p>13.11.2014 2014. 11. 13.</p>	<p>zip 30.9 MB</p>	<p>Download</p>
<p>Application Note Scheduler_03.lib</p> <p>This application note describes different applications of the Scheduler_03.lib library.</p>	<p>20.05.2011 2011. 5. 20.</p>	<p>zip 1.8 MB</p>	<p>Download</p>
<p>Application Note: MpBus_03 Library</p> <p>This Application Note explains how a WAGO fieldbus controller sets up communication to the MP-bus actuators via the MP-bus master module (750-643).</p>	<p>2020-08-14 2020. 8. 14.</p>	<p>zip 526.0 kB</p>	<p>Download</p>
<p>Connection of Thermokon Multi-function room control units WRF 08</p> <p>The fundamental way of carrying out the communication between the WAGO I/O System and the multi-function room operating panel (WRF08 RS485 Modbus) from Thermokon is described in this application note.</p>	<p>10.04.2019 2019. 4. 10.</p>	<p>zip 876.4 kB</p>	<p>Download</p>
<p>Application note: DALI 753-647 Configuration Interface</p> <p>This application note describes the WAGO DALI Configurator, the integration of the DALI visualization for configuring various sensor types and the implementation in a program.</p>	<p>V1.0.2 2019. 4. 29.</p>	<p>zip 3.1 MB</p>	<p>Download</p>
<p>Application Note Connecting with an iPod Touch</p> <p>This Application Note explains the basic procedures for access to the WAGO Ethernet Controller 750-8xx or the WAGO Ethernet Coupler 750-3xx using an iPod Touch.</p>	<p>30.03.2011 2011. 10. 28.</p>	<p>zip 439.1 kB</p>	<p>Download</p>
<p>Application Note: EnOcean_06 Library</p> <p>This application note describes how communication between the WAGO-I/O-SYSTEM and different EnOcean wireless sensors can be implemented using the EnOcean_06.lib library.</p>	<p>30.11.2016 2016. 11. 30.</p>	<p>zip 842.0 kB</p>	<p>Download</p>
<p>Application Note for the 750-495 3-Phase Power Measurement Module</p> <p>The application note for the 3-Phase Power Measurement Module 750-495 shows how the measured values of the power measurement module can be read. It is also shown how the power module can be configured using the WAGO-I/O-PRO- V2.3 visualization tool.</p>	<p>24.01.2014 2014. 1. 24.</p>	<p>zip 1.8 MB</p>	<p>Download</p>

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<p>Connection of Thermokon Multi-function room control units WRF 06</p> <p>The fundamental method of setting up communication between the WAGO I/O System and the multi-function room operating panel (WRF06 RS485 Modbus) from Thermokon is described in this application note.</p>	<p>10.04.2019 2016. 4. 8.</p>	<p>zip 845.9 kB</p>	<p>Download</p>
<p>Application Note for the 750-494 3-Phase Power Measurement Module</p> <p>The application note for the 3-Phase Power Measurement Module 750-494 shows how the measured values of the power measurement module can be read. It is also shown how the power module can be configured using the WAGO-I/O-PRO- V2.3 visualization tool.</p>	<p>24.01.2014 2014. 11. 11.</p>	<p>zip 1.7 MB</p>	<p>Download</p>
<p>Connection of a Thermokon Thanos SR L MODBUS room control unit to the WAGO-I/O-SYSTEM</p> <p>The fundamental method of setting up communication between the WAGO I/O System and the Thanos SR L MODBUS room operating panel from Thermokon is described in this application note.</p>	<p>02.05.2013 2013. 5. 13.</p>	<p>zip 313.2 kB</p>	<p>Download</p>
<p>GRUNDFOS GENIbus interface, application note</p> <p>This application note describes how communication between the WAGO-I/O-SYSTEM and the Grundfos MAGNA series circulation pumps can be performed via GENIbus interface.</p>	<p>20.03.2017 2017. 3. 20.</p>	<p>zip 286.6 kB</p>	<p>Download</p>
<p>Application Note PowerMeasurement_03 Library</p> <p>This application note describes how current, voltage, effective power, power factor and energy consumption can be measured using 3-phase power measurement modules (750-493).</p>	<p>19.01.2011 2012. 3. 19.</p>	<p>zip 954.5 kB</p>	<p>Download</p>
<p>Connection of DMX devices to the WAGO-I/O-SYSTEM via the ArtNet-DMX STAGE-PROFI 1.1</p> <p>This application note describes connecting the ArtNet-DMX STAGE-PROFI 1.1 to the WAGO-I/O-SYSTEM. The ArtNet-DMX STAGE-PROFI 1.1 can be operated as a DMX master and a DMX slave.</p>	<p>11.01.2013 2013. 1. 11.</p>	<p>zip 1.5 MB</p>	<p>Download</p>
<p>HLK-Anlagenmakros für TRIC</p> <p>In dieser Zip-Datei finden Sie Vorlagen und Makros für die Planungssoftware TRIC. TRIC ist ein Werkzeug für Planer und Errichter von HLK-Anlagen, das den Richtlinien der VOB, VDI und DIN EN ISO entspricht.</p>	<p>2015-07-10 2015. 7. 10.</p>	<p>zip 76.8 MB</p>	<p>Download</p>
<p>Application Note Weather Station Elsner P03 Modbus</p> <p>This application note describes how communication can be set up between the WAGO I/O System and the ELSNER P03/3 weather station with a Modbus interface.</p>	<p>01.12.2011 2011. 10. 28.</p>	<p>zip 275.6 kB</p>	<p>Download</p>
<p>Application Note: DMX_02</p> <p>This application note describes how a DMX master for DMX device control can be performed via 750-652 serial interface.</p>	<p>26.04.2017 2017. 4. 26.</p>	<p>zip 751.0 kB</p>	<p>Download</p>
<p>Application Note Library ModuleAccess_01</p> <p>Subject to changes. Please also observe the further product documentation!</p>			



These instructions describe the use of the ModuleAccess_01.lib library using 4 examples.	05.01.2016 2016. 1. 29.	zip 1.0 MB	Download
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Libraries

Library			
ModuleAccess_01.lib	1.8.7 2020. 1. 27.	zip 2.2 MB	Download
The ModuleAccess_01 library provides both module configuration and access to its process data within a CoDeSys project without the use of WAGO I/O Check.			
WAGO_Datalogger_02.lib	2.7 2020. 5. 20.	zip 678.8 kB	Download
The FbDatalogger function block logs entries from up to 80 channels at an interval of min. one second in a CSV file.			

Engineering-Software

Product database

WAGO product database for KNX IP Controller 750-889 / 750-849 inklusive des WAGO-ETS-Plug-In	2.0.367.581 2016. 11. 29.	zip 1.1 MB	Download
WAGO product database for KNX Router 750-889 / 750-849 + 753-646 .	2.0.373.598 2016. 11. 26.	zip 41.4 kB	Download

Configuration and Commissioning Software

WAGO-IO-PRO Demo-Version (759-912) / Serie 750, 758 und 762	2.3.9.61 2015. 7. 3.	zip 372.0 MB	Download
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Runtime Software

Firmware

Firmware 0750-0889	V 16.0 2021. 7. 27.	zip 2.0 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 750-889		URL	Download
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CAE data

EPLAN Data Portal 750-889	URL	Download
WSCAD Universe 750-889	URL	Download
ZUKEN Portal 750-889	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 750-889 Controller KNX IP	URL	Download
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Installation Notes

Product family

Controller 750

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