

Data sheet | Item number: 762-6302/8000-002

Touch Panel 600; 14.5 cm (5.7"); 640 x 480 pixels; 2 x ETHERNET, 2 x USB, CAN, DI/DO, RS-232/485, Audio; Control Panel



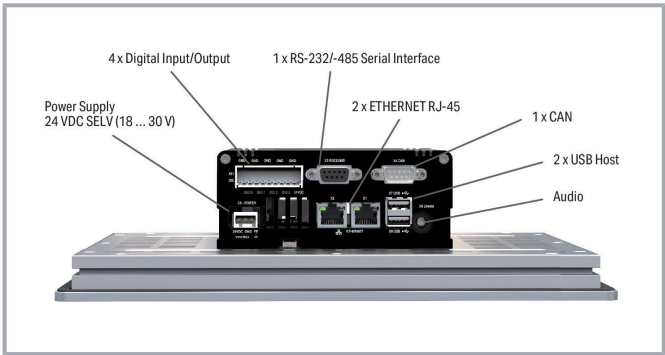
www.wago.com/762-6302/8000-002



Touch Panels 600 Communication Options Overview

	CPU	On Board										Product extensions				Item No.
		Modbus (TCP, Modbus RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	Modbus (RTU)**	
Touch Panels 600 Standard Line	Cortex A9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4301/8000-002
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4302/8000-002
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4303/8000-002
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4304/8000-002
Touch Panels 600 Advanced Line	Cortex A9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4305/8000-002
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4306/8000-002
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4307/8000-002
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4308/8000-002
Touch Panels 600 Marine Line	Cortex A9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4309/8000-002
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4310/8000-002
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4311/8000-002
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	762-4312/8000-002

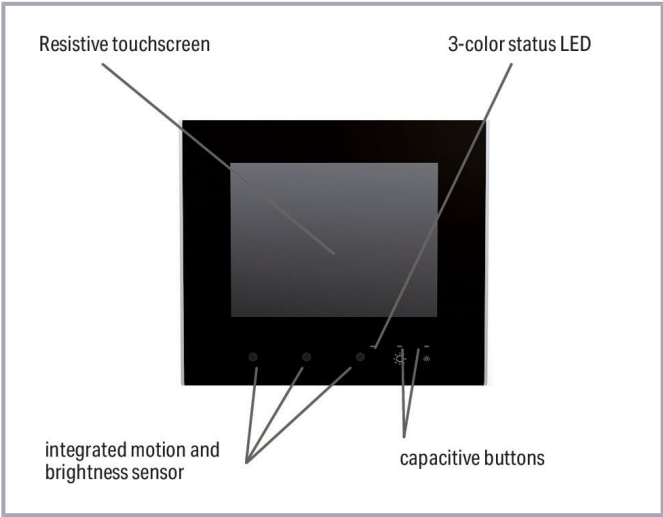
MC Master, S Slave; **requires an additional license; ***requires an additional license (pre-qualified for runtime environment: 600 licenses); ****WagoApp/Modbus Library



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

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Item description

PIO3 hardware configuration

- 2 x ETHERNET port for connecting to field devices and the engineering tool
- 2 x USB port for optional connection of a USB stick, mouse or keyboard
- Audio interface for connecting a headphone or loudspeaker
- CAN for controlling field devices
- 1 x RS-232/485 interface for controlling field devices with a serial interface
- 4 x digital input/output for reading/triggering digital signals
- Power-failure-proof storage component

Data

Technical data

Display diagonal	14.5 cm (5.7 inches)
Display	Resistive touchscreen (black front)
Display colors	262,000 colors
Graphics resolution	(640 x 480) px
Contrast ratio	300:1
Viewing angle (horizontal/vertical)	80° / 80°
Brightness	630 cd/m ²
Visualization	Web server Web-Visu Target Visu
ETHERNET protocols	DHCP

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	DNS FTP FTPS HTTP HTTPS SSH
Communication	Web browser Web browser (HTML5) Modbus TCP master/slave Modbus (UDP), WagoAppPlcModbus Library Modbus (RTU), WagoAppPlcModbus Library ETHERNET EtherNet/IP™ Adapter (slave) EtherNet/IP™ Scanner CANopen EtherCAT® Master OPC UA Server/Client OPC UA Pub/Sub (can be installed later) MQTT RS-232 serial interface RS-485 interface BACnet/IP, requires an additional license Telecontrol protocols, requires an additional license MicroBrowser (including visualization of CODESYS V2.3), requires an additional license
Operating system	Real-time Linux (with RT-Preempt patch)
Processor	ARM® Cortex® A9 Quadcore 1.0 GHz
Programming environment	CODESYS V3.5, Firmware Release 24 or higher <i>e!COCKPIT</i> (based on CODESYS V3) up to Firmware Release 22
Main memory (RAM)	2,048 MB
Internal memory (flash)	4096 MB
Program memory	32 MB
Data memory	128 MB
Non-volatile software memory	128. Kbytes
Type of memory card	microSD (max. 2 GB); microSDHC (max. 32 GB)
Indicators	Three-color LED (red, green, blue)
Controls	Resistive touch panel, two capacitive keys, proximity sensor
Supply voltage	24 VDC, SELV (18 ... 31.2 V); with reverse voltage protection
Operating power	7.0 W, without USB load; 12.0 W, with USB load

Connection data

Connection technology: communication/fieldbus

Modbus (TCP, UDP): 2 x RJ-45; EtherNet/IP™: 2 x RJ-

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45; CANopen: 1 x D-sub 9 plug; Modbus (UDP): 2 x RJ-45; RS-232 + RS-485/-422 serial interface: 1 x D-sub 9 socket; USB: 2 x USB 2.0 host (type A)

Connection technology: supply

1 x Included female connector (734-103) with three CAGE CLAMP® connections

Physical data

Width	172 mm / 6.772 inches
Height	163 mm / 6.417 inches
Depth	78 mm / 3.070 inches
Panel cutout (W x H)	(157 x 148) mm

Mechanical Data

Weight	0 g
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Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C (when mounted vertically; -20 ... +50 °C, other mounting positions)
Ambient temperature (storage)	-20 ... +80 °C
Protection type	IP65
Note on protection type	IP65 (front side); IP20 (rear side), per EN 60529
Relative humidity (without condensation)	90 %
Mounting type	Clamping elements (included) or VESA mount (4 x M4x8)

Commercial data

ETIM 8.0	EC001414
ETIM 7.0	EC001414
Recupel Type	
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143942300
Customs tariff number	84714100000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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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-WBP762
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

Declarations of conformity and manufacturer's declarations

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

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA00001FS

Optional accessories

Memory card

Memory card			
	Item no.: 758-879/000-3102 Memory Card SD Micro; 2 GByte	www.wago.com/758-879/000-3102	
	Item no.: 758-879/000-3108 Memory Card SD Micro; pSLC-NAND; 8 GB; Temperature range: -40 to 90°C	www.wago.com/758-879/000-3108	

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Mounting

Mounting accessories



Item no.: 762-9001
e!DISPLAY7300T ; Clamping elements (4 pieces)

www.wago.com/762-9001

Software

Software application



Item no.: 2759-208/211-1000
Library MTP; Single License; Online activation

www.wago.com/2759-208/211-1000

Downloads

Documentation

Manual

Product Manual WAGO Touch Panel 600 Marine Line	1.6.0 2023 Dec 4	pdf 3.9 MB	Download
Migration Guide Migration from e!COCKPIT projects to CODESYS V3.5	V 1.3.0 2023 Jul 3	pdf 5.1 MB	Download
Migrationsleitfaden von e!COCKPIT-Projekten zu CODESYS V3.5 Online Hilfe (HTML)		URL	Download

Bid Text

762-6302/8000-002 X81 - Datei		xml 6.9 kB	Download
762-6302/8000-002 docx - Datei		docx 20.0 kB	Download

System Description

Touch Panel 600, system description		pdf 513.5 kB	Download
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Additional Information

WAGO OPC UA Server	V 1.1.0 2021 Jan 28	pdf 1.2 MB	Download
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Application Notes

Application Note e!COCKPIT

e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010)	1.3.0	zip	Download
Basierend auf der Bibliothek WagoAppBuildingHVAC_BACnet stellt WAGO in dem Bereich Heizung, Lüftung und Klimatisierung verschieden HLK-Anlagenmakros mit BACnet-Anbindung zur Verfügung.	2023 Feb 27	69.2 MB	

Engineering-Software

Configuration and Commissioning Software

WAGUpload	1.16.1.0	zip	Download
WAGUpload is a stand-alone PC software for transferring, backing up and restoring PLC applications on WAGO 750 Series controllers.	2022 Feb 2	12.4 MB	

Runtime Software

Firmware

TP 600 Codesys V3.5 Firmware	V 25	zip	Download
TP 600 Codesys V3.5 Firmware	2023 Jul 14	22 B	
Image Update (SD Karte) TP 600	V 22 SP1	zip	Download
WAGO_FW0762-4xxx_V031010_IX22_SP1_I	2022 Dec 14	220.8 MB	
WUP Update (WAGUpload Tool) TP 600	V 22 SP1	zip	Download
WAGO_FW0762-4xxx_V031010_IX22_SP1_W	2022 Dec 14	219.0 MB	

CAD/CAE-Data

CAD data

2D/3D Models 762-6302/8000-002	URL	Download
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CAE data

ZUKEN Portal 762-6302/8000-002	URL	Download
EPLAN Data Portal 762-6302/8000-002	URL	Download

Asset Administration Shell

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Asset Administration Shell 762-6302/8000-002	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-6302/8000-002	URL	Download
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Installation Notes

Product family

Marine Line
[Show all products from the family](#)

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