

Data sheet | Item number: 762-6303/8000-002

Touch Panel 600; 17.8 cm (7.0"); 800 x 480 pixels; 2 x ETHERNET, 2 x USB, CAN, DI/DO, RS-232/485, Audio; Control Panel

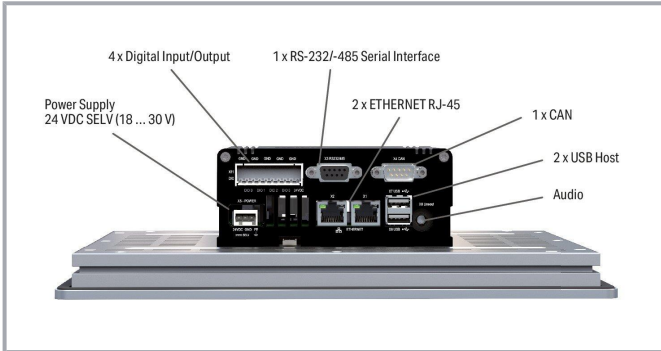


www.wago.com/762-6303/8000-002



Touch Panels 600 Communication Options Overview

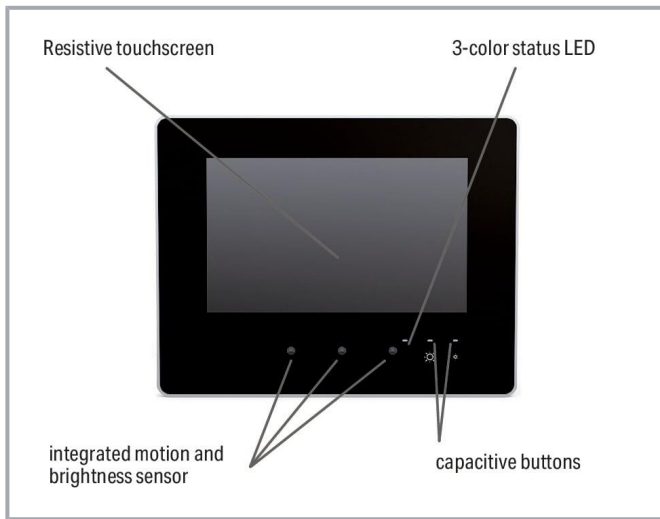
	CPU	On Board											Product extensions		Hardware	Display Diagonal	Item No.			
		Web Browser	Web browser (HTML5)	Modbus (TCP, Modbus (RTU)**)	EtherCAT®	Chopper	Control Panel	Control Panel	OPC UA (incl. OPC UA Security)	Modbus (RTU)**	RS-232/485	RS-485	RS-232/485	RS-232/485				OPC UA Server	Modbus (RTU)**	Modbus (RTU)**
Touch Panels 600 Standard Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	10.8 cm (4.3")	762-42018000-002
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	14.5 cm (5.7")	762-43038000-002
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	18 cm (7.0")	762-43038000-002
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	25.7 cm (10.1")	762-43048000-002
Touch Panels 600 Advanced Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	10.8 cm (4.3")	762-42018000-001
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	14.5 cm (5.7")	762-42028000-001
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	18 cm (7.0")	762-42038000-001
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	25.7 cm (10.1")	762-42048000-001
Touch Panels 600 Marine Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	10.8 cm (4.3")	762-42018000-002
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	14.5 cm (5.7")	762-42028000-002
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	18 cm (7.0")	762-42038000-002
		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	25.7 cm (10.1")	762-42048000-002



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	17.8 cm (7 inches)
Display	Resistive touchscreen (black front)
Display colors	16 million colors
Graphics resolution	(800 x 480) px
Contrast ratio	800:1
Viewing angle (horizontal/vertical)	89° / 89°
Brightness	450 cd/m ²
Visualization	Web server Web-Visu Target Visu
ETHERNET protocols	DHCP

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DNS
FTP
FTPS
HTTP
HTTPS
SSH

Communication	<p>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 (Visualization of CODESYS V2.3), requires an additional license</p>
Operating system	Real-time Linux (with RT-Preempt patch)
Processor	ARM® Cortex® A9 Quadcore 1.0 GHz
Programming environment	CODESYS V3.5, from firmware release 24 <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
Type of memory card	microSD (max. 2 GB); microSDHC (max. 32 GB)
Indicators	Three-color LED (red, green, blue)
Controls	Resistive touch panel; 2 capacitive keys; proximity sensor
Supply voltage	24 VSELV DC (18 ... 31.2 V); with reverse voltage protection
Operating power	8.8 W, without USB load; 13.9 W, with USB load

Connection data

Connection technology: communication/fieldbus

Modbus (TCP, UDP): 2 x RJ-45; EtherNet/IP™: 2 x RJ-45; CANopen: 1 x D-sub 9 plug; Modbus (UDP): 2 x RJ-45; RS-232 +

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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	213 mm / 8.386 inches
Height	167 mm / 6.575 inches
Depth	78 mm / 3.070 inches
Panel cutout (W x H)	(198 x 152) mm

Mechanical Data

Weight	1880 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
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143943239
Customs tariff number	84714100000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals


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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

Software

Software applications

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

Mounting accessories

	Item no.: 762-9001 eDISPLAY7300T ; Clamping elements (4 pieces)	www.wago.com/762-9001
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Memory card

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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

Downloads

Documentation

Manual

Product Manual WAGO Touch Panel 600 Marine Line	V 1.5.0 2022 May 24	pdf 2.4 MB	Download
Migration Guide from e!COCKPIT projects to CODESYS V3.5 Online Help (HTML)		URL	Download

Bid Text

762-6303/8000-002 X81 - Datei		xml 6.9 kB	Download
762-6303/8000-002 docx - Datei		docx 20.1 kB	Download

System Description

Touch Panel 600, system description		pdf 151.9 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 2023 Feb 27	zip 69.2 MB	Download
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Basierend auf der Bibliothek WagoAppBuildingHVAC_BACnet stellt WAGO in dem Bereich Heizung, Lüftung und Klimatisierung verschieden HLK-Anlagenmakros mit BACnet-Anbindung zur Verfügung.

Engineering-Software

Desktop Application

WAGOupload	URL	Download
WAGOupload is a stand-alone PC software for transferring, backing up and restoring PLC applications on WAGO 750 Series controllers.		

Runtime Software

Firmware

Image Update (SD Karte) TP 600 WAGO_FW0762-4xxx_V031010_IX22_SP1_I	V 22 SP1 2022 Dec 14	zip 220.8 MB	Download
WUP Update (WAGOupload Tool) TP 600 WAGO_FW0762-4xxx_V031010_IX22_SP1_W	V 22 SP1 2022 Dec 14	zip 219.0 MB	Download

CAD/CAE-Data

CAD data

2D/3D Models 762-6303/8000-002	URL	Download
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CAE data

ZUKEN Portal 762-6303/8000-002	URL	Download
EPLAN Data Portal 762-6303/8000-002	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-6303/8000-002	URL	Download
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Installation Notes

Product family

Marine Line

[Show all products from the family](#)

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