

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



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

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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 DNS FTP FTPS HTTP HTTPS SSH
Communication	EtherNet/IP™ Adapter (slave), library for <i>e!RUNTIME</i> Modbus TCP Master/Slave CANopen Modbus (UDP) RS-232 serial interface RS-485 interface MQTT EtherCAT® master (requires an additional license) BACnet/IP, requires an additional license
Operating system	Real-time Linux (with RT-Preempt patch)
Processor	ARM® Cortex® A9 Quadcore 1.0 GHz
Programming environment	<i>e!COCKPIT</i> (based on CODESYS V3)
Main memory (RAM)	2,048 MB
Internal memory (flash)	4096 MB
Program memory	32 MB
Data memory	128 MB
Non-volatile software memory	128.
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

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Supply voltage	24 VSELV DC (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-45; CANopen: 1 x D-sub 9 plug; Modbus UDP: 2 x RJ-45; RS-232 + RS-485 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)
Surrounding air 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 Stück
Packaging type	box
Country of origin VKOrg Germany	DE
GTIN	4055143942300
Customs tariff number VKOrg Germany	84714100000


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Approvals / Certificates


Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02.B.00087/19

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV DNV Germany GmbH	DNVGL-CG-339,Dec.2019	TAA00001FS

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

Compatible products

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

Software

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

Mounting

Mounting accessories		
Item no.: 762-9001 e!DISPLAY7300T ; Clamping elements (4 pieces)		www.wago.com/762-9001

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Downloads

Documentation

Manual

WAGO Touch Panel 600 Marine Line	V 1.5.0 2022 年5月24 日	pdf 2.4 MB	Download
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Bid Text

762-6302/8000-002 X81 - Datei		xml 6.9 kB	Download
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762-6302/8000-002 docx - Datei		docx 20.0 kB	Download
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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 年1月28 日	pdf 1.2 MB	Download
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Application Notes

Application Note e!COCKPIT

e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010) Basierend auf der Bibliothek WagoAppBuildingHVAC_BACnet stellt WAGO in dem Bereich Heizung, Lüftung und Klimatisierung verschieden HLK-Anlagenmakros mit BACnet-Anbindung zur Verfügung.	1.1.0 2022 年6月15 日	zip 26.3 MB	Download
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Engineering-Software

Configuration and Commissioning Software

WAGUpload WAGUpload is a stand-alone PC software for transferring, backing up and restoring PLC applications on WAGO 750 Series controllers.	1.15.0.0 2022 年2月2 日	zip 11.7 MB	Download
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Runtime Software

Firmware

Image Update (SD Karte) TP 600 WAGO_FW0762-4xxx_V030720_IX19_SP3_I	V 19 SP3 2022 年4月19 日	zip 165.6 MB	Download
WUP Update (WAGOUplupload Tool) TP 600 WAGO_FW0762-4xxx_V030720_IX19_SP3_W	V 19 SP3 2022 年4月19 日	zip 162.2 MB	Download

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
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 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	URL	Download
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Installation Notes

Product family

Marine Line

[Show all products from the family](#)

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