

Data sheet | Item number: 762-4202/8000-001

Touch Panel 600; 14.5 cm (5.7"); 640 x 480 pixels; 2 x ETHERNET, 2 x USB, Audio; Visu Panel



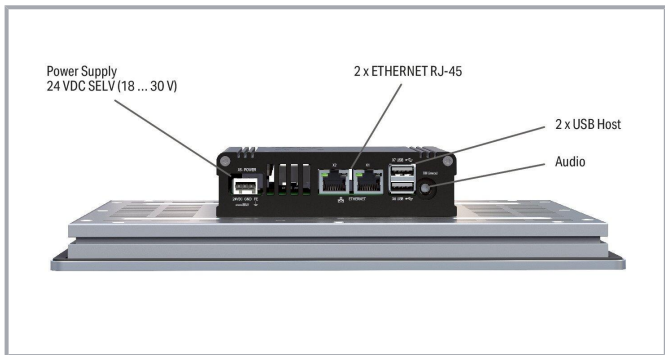
www.wago.com/762-4202/8000-001



Touch Panels 600 Communication Options Overview

	CPU	On Board	Product extensions	Hardware	Item No.
Touch Panels 600 Standard Line	Cortex A9	Web Browser, Web browser (HTML5)	Product extensions	PICO Control Panel	10.0 cm (4.0") 762-42018000-002
		Modbus (TCP, Modbus (RTU)**)			14.5 cm (5.7") 762-42028000-002
		EtherCAT®			18 cm (7.0") 762-43038000-002
		Chopper			25.7 cm (10.1") 762-43048000-002
		Modbus (RTU)**			29.0 cm (11.4") 762-43058000-002
		OPC UA (incl. OPC UA Client, OPC UA Server)			34.7 cm (13.7") 762-43068000-002
	Cortex A9	807 Processor		PICO Visu Panel	10.0 cm (4.0") 762-42018000-001
		270-2700011-1000-1 (770-270011-1000)			14.5 cm (5.7") 762-42028000-001
		270-2700011-1000-2 (770-270011-1000)			18 cm (7.0") 762-42038000-001
		270-2700011-1000-3 (770-270011-1000)			25.7 cm (10.1") 762-42048000-001
		270-2700011-1000-4 (770-270011-1000)			29.0 cm (11.4") 762-42058000-001
		270-2700011-1000-5 (770-270011-1000)			34.7 cm (13.7") 762-42068000-001
Touch Panels 600 Advanced Line	Cortex A9	Modbus (TCP, Modbus (RTU)**)		PICO Web Panel	10.0 cm (4.0") 762-4101
		EtherCAT®			14.5 cm (5.7") 762-4102
		Chopper			18 cm (7.0") 762-4103
		Modbus (RTU)**			25.7 cm (10.1") 762-4104
		OPC UA (incl. OPC UA Client, OPC UA Server)			18 cm (7.0") 762-53038000-002
		807 Processor			25.7 cm (10.1") 762-53048000-001
Touch Panels 600 Marine Line	Cortex A9	Modbus (TCP, Modbus (RTU)**)		PICO Control Panel	10.0 cm (4.0") 762-63018000-002
		EtherCAT®			14.5 cm (5.7") 762-63028000-002
		Chopper			18 cm (7.0") 762-63038000-002
		Modbus (RTU)**			25.7 cm (10.1") 762-63048000-002
		OPC UA (incl. OPC UA Client, OPC UA Server)			10.0 cm (4.0") 762-63018000-001
		807 Processor			14.5 cm (5.7") 762-63028000-001

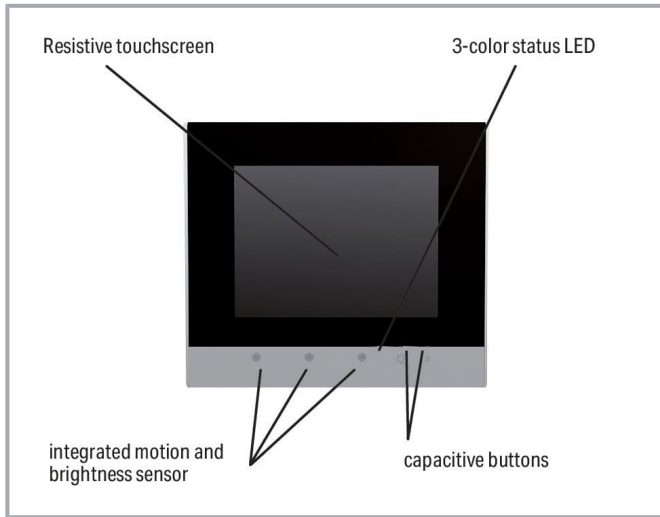
MC Master, S Slave, **requires an additional license, ***requires an additional license (prerequisite: IEC 61131 runtime environment; 600 license); ****WagoApp/Modbus Library



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

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Item description

PIO2 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

Data

Technical data

Display diagonal	14.5 cm (5.7 inches)
Display	Resistive touchscreen
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 Webserver Web Visu
ETHERNET protocols	DHCP DNS FTP FTPS HTTP

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



	HTTPS SSH
Communication	EtherNet/IP™ adapter (slave), library for <i>e!RUNTIME</i> (prerequisite: <i>e!RUNTIME</i> PLC 600 license) Modbus TCP master/slave (prerequisite: <i>e!RUNTIME</i> PLC 600 license) EtherCAT master, requires an additional license (prerequisite: <i>e!RUNTIME</i> PLC 600 license) BACnet/IP, requires an additional license (prerequisite: <i>e!RUNTIME</i> PLC 600 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
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	6.8 W, without USB load; 11.8 W, with USB load

Connection data

Connection technology: communication/fieldbus	Modbus (TCP): 2 x RJ-45; 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	58 mm / 2.283 inches
Panel cutout (W x H)	(157 x 148) mm

Mechanical Data

Weight	843 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)
Fire load	0.003 MJ

Commercial data




ETIM 8.0	EC001414
ETIM 7.0	EC001414
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143839457
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

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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

Mounting

Mounting accessories



Item no.: 762-9001
eDISPLAY7300T ; Clamping elements (4 pieces)

www.wago.com/762-9001

Software

Software applications



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

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

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

Downloads

Documentation

Manual

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Product Manual WAGO Touch Panel 600 Standard Line	1.7.0 2022 May 24	pdf 2.5 MB	Download
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Bid Text

762-4202/8000-001 X81 - Datei	2019 Feb 19	xml 5.9 kB	Download
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762-4202/8000-001 docx - Datei	2019 Jan 4	docx 22.4 kB	Download
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ausschreiben.de 762-4202/8000-001		URL	Download
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Tutorial

Establish connection to a controller using SSH In this video we are demonstrating how to establish a SSH connection with a controller using for example PuTTY to be able to work with the LINUX console. Contents: 0:21 Download and install the SSH client; 0:40 Establish the SSH connection; 0:50 Log on to the Controller	1.0 2017 Aug 5	mp4 29.0 MB	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 Jan 28	pdf 1.2 MB	Download
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Engineering-Software

e!COCKPIT

e!COCKPIT Register at no cost and test our engineering software for 30 days.	1.11.2.0 2023 Apr 24	zip 4.1 GB	Download
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Desktop Application

WAGUpload WAGUpload is a stand-alone PC software for transferring, backing up and restoring PLC applications on WAGO 750 Series controllers.		URL	Download
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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 762-4202/8000-001	URL	Download
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CAE data

ZUKEN Portal 762-4202/8000-001	URL	Download
EPLAN Data Portal 762-4202/8000-001	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-4202/8000-001 Touch Panel 600; 14.5 cm (5.7""); 640 x 480 pixels; 2 x ETHERNET, 2 x USB, Audio; Visu Panel	URL	Download
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Installation Notes

Product family

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

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