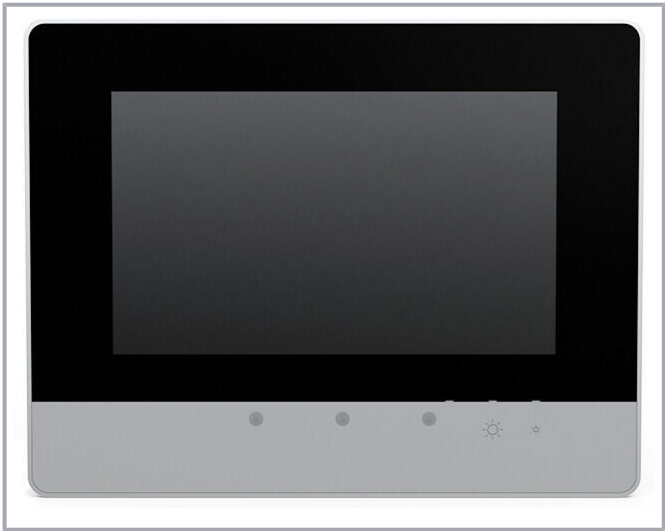


Data sheet | Item number: 762-4203/8000-001
Touch Panel 600; 17.8 cm (7.0"); 800 x 480 pixels; 2 x ETHERNET, 2 x USB,
Audio; Visu Panel



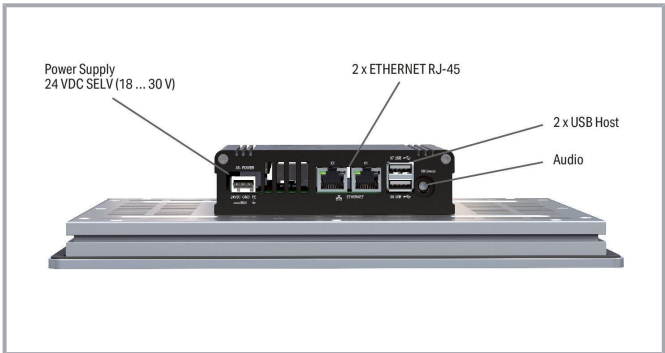
www.wago.com/762-4203/8000-001



Touch Panels 600 Communication Options Overview

	CPU	On Board										Product extensions			
		Modbus RTU (RS-485)	Modbus TCP (Ethernet)	Modbus ASCII	Modbus Plus	Modbus CAN	Modbus CANopen	Modbus CANopen (S)	Modbus CANopen (M)	Modbus CANopen (S/M)	Modbus CANopen (S/M)	Modbus CANopen (S/M)	Modbus CANopen (S/M)	Modbus CANopen (S/M)	Modbus CANopen (S/M)
Touch Panels 600 Standard Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Touch Panels 600 Advanced Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Touch Panels 600 Marine Line	Cortex A9	x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x
		x	x	x	x	x	x	x	x	x	x	x	x	x	x

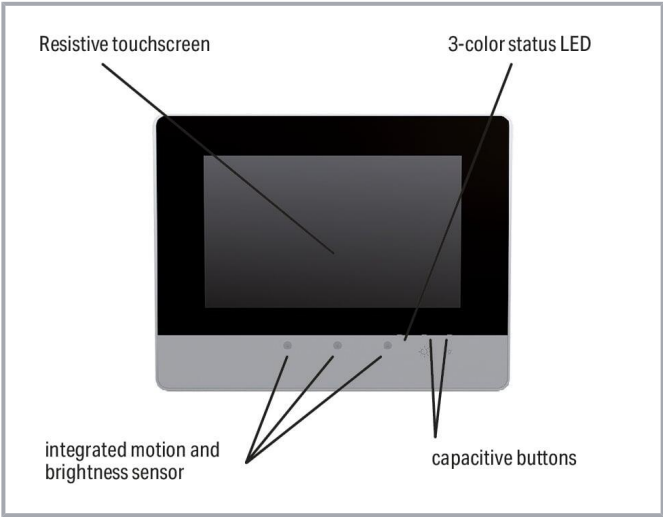
MC Master, S Slave; *requires an additional license; **requires an additional license (prequalifier: EC 61131 runtime environment; 600 license); ***WagoAppPiModbus Library



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	17.8 cm (7 inches)
Display	Resistive touchscreen
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 Webserver Web Visu
ETHERNET protocols	DHCP DNS FTP FTPS HTTP

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	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, two capacitive keys, proximity sensor
Supply voltage	24 VDC, SELV (18 ... 31.2 V); with reverse voltage protection
Operating power	8.6 W, without USB load; 13.7 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	213 mm / 8.386 inches
Height	167 mm / 6.575 inches
Depth	58 mm / 2.283 inches
Panel cutout (W x H)	(198 x 152) mm

Mechanical Data

Weight	982 g
Front panel	

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



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	4055143839396
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

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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

Mounting

Mounting accessories

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

Software application

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

Documentation

Manual

Product Manual WAGO Touch Panel 600	1.8.0	pdf	Download
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Standard Line	2023 Dec 4	4.1 MB	
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Bid Text

762-4203/8000-001 X81 - Datei	2019 Feb 19	xml 5.9 kB	Download
762-4203/8000-001 docx - Datei	2019 Jan 4	docx 22.5 kB	Download
ausschreiben.de 762-4203/8000-001		URL	Download

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 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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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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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.	1.16.1.0 2022 Feb 2	zip 12.4 MB	Download
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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 (WAGOupload 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 762-4203/8000-001	URL	Download
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CAE data

ZUKEN Portal 762-4203/8000-001	URL	Download
EPLAN Data Portal 762-4203/8000-001	URL	Download

Asset Administration Shell

Asset Administration Shell 762-4203/8000-001	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-4203/8000-001	URL	Download
Touch Panel 600; 17.8 cm (7.0"); 800 x 480 pixels; 2 x ETHERNET, 2 x USB, Audio; Visu Panel		

Installation Notes

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Product family

Standard Line

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