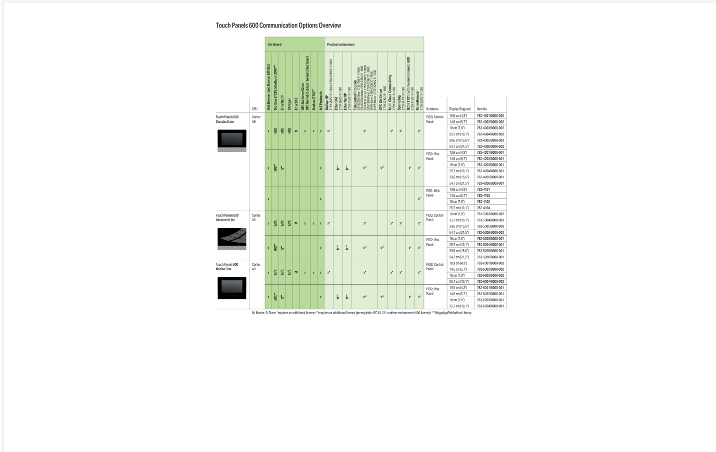
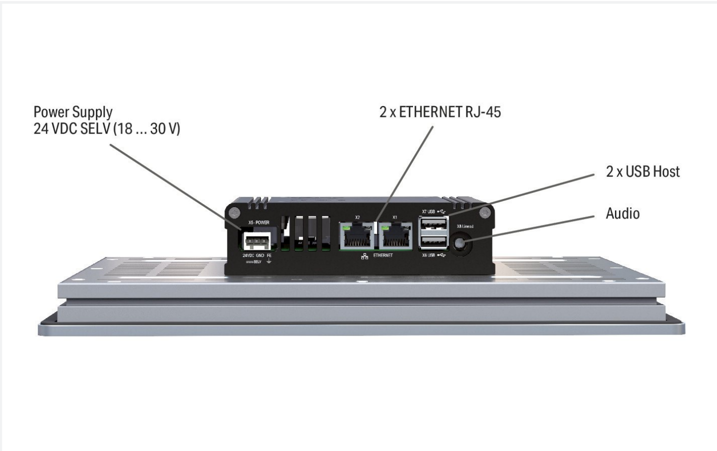
Data Sheet | Item Number: 762-4205/8000-001

Touch Panel 600; 39.6 cm (15,6"); 1920 x 1080 pixels; 2 x ETHERNET, 2 x USB, Audio; Visu Panel

https://www.wago.com/762-4205/8000-001



Touch Panels 600 Communication Options Overview



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

Technical data	
Display diagonal	39.6 cm (15.6 inches)
Display	Resistive touchscreen
Display colors	16.7 million colors
Graphics resolution	(1920 x 1080) px
Contrast ratio	800:1
Viewing angle (horizontal/vertical)	85° / 85°
Brightness	500 cd/m²
Visualization	Web server Web-Visu
ETHERNET protocols	DHCP DNS FTP FTPS HTTP HTTPS SSH
Communication	EtherNet/IP™ adapter (slave), library for ***e!****RUNTIME* (prerequisite: ***e!****RUNTIME* PLC 600 license) Modbus TCP master/slave (prerequisite: ***e!****RUNTIME* PLC 600 license) EtherCAT master, **requires an additional license** (prerequisite: ***e!****RUNTIME* PLC 600 license) BACnet/IP, **requires an additional license** (prerequisite: ***e!****RUNTIME* PLC 600 license)

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Technical data

Operating system	Real-time Linux (with RT-Preempt patch)
Processor	ARM® Cortex® A9 Quadcore 1.0 GHz
Programming environment	***e!****COCKPIT* (based on CODESYS V3)
Main memory (RAM)	2048 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	10.3 W, without USB load; 15.8 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	420 mm / 16.535 inches
Height	283 mm / 11.142 inches
Depth	58 mm / 2.283 inches
Panel cutout (W x H)	(406 x 268) mm

Mechanical data

Weight	2870 g

Environmental requirements

Ambient temperature (operation)	-20 … +55 °C (when mounted vertically; −20 … +50 °C, other mounting positions)
Ambient temperature (storage)	-20 … +70 °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)
Fire load	0 MJ

Commercial data

ETIM 8.0	EC001414
ETIM 7.0	EC001414
PU (SPU)	1 pcs
Country of origin	DE
GTIN	4066966056273
Customs tariff number	84714100000

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Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs-stelle	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 LOCATI-ONS)	UL 61010-2-201	E175199

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor-mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
762-4205/8000-001

Documentation

Manual

Product Manual WAGO Touch Panel 600	1.7.0 24.05.2022	pdf 2487.15 KB	

System Description

Touch Panel 600, sys-tem description	pdf 512.48 KB	

Additional Information

WAGO OPC UA Server	V 1.1.0 28.01.2021	pdf 1132.87 KB	

Bid Text

762-4205/8000-001	xml 6.82 KB	
762-4205/8000-001	docx 19.80 KB	
ausschreiben.de 762-4205/8000-001		

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CAD/CAE-Data

CAD data	CAE data
2D/3D Models 762-4205/8000-001	EPLAN Data Portal 762-4205/8000-001
	ZUKEN Portal 762-4205/8000-001

Engineering-Software

Configuration and Commissioning Software			
WAGOupload	1.16.1.0 02.02.2022	zip 12111.45 KB	

Runtime Software

Firmware			
Image Update (SD Karte) TP 600	V 22 SP1 14.12.2022	zip 215605.05 KB	
WUP Update (WAGOupload Tool) TP 600	V 22 SP1 14.12.2022	zip 213841.16 KB	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Installation

1.1.1.1 Mounting accessories

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

Item No.: 762-9325
Flush-Mounted Housing for Touch Panel 600; 39.6 cm (15,6"); 80.0 mm

1.1.2 Memory card

1.1.2.1 Memory card

Item No.: 758-879/000-3102
Memory Card SD Micro; 2 GByte

Item No.: 758-879/000-3108
Memory Card SD Micro; pSLC-NAND; 8 GB; Temperature range: -40 to 90°C

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1.1.3 Software

1.1.3.1 Software application

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