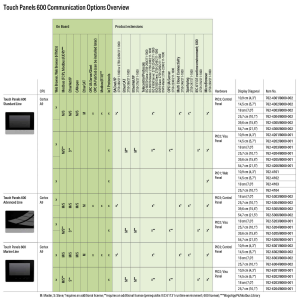
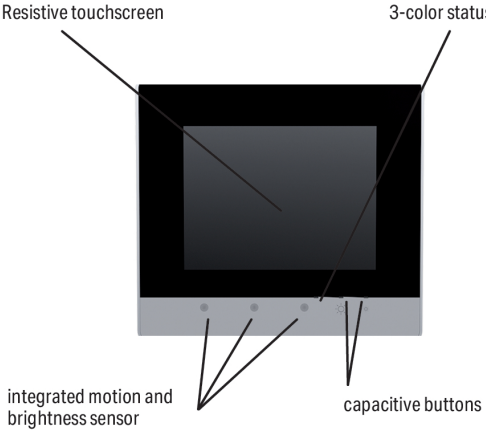
Data Sheet | Item Number: 762-4102

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

https://www.wago.com/762-4102







PIO1 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

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/m²
Visualization	Web server
ETHERNET protocols	DHCP DNS FTP FTPS HTTP HTTPS SSH
Communications	Web browser (HTML5)
Interfaces (USB)	2 x USB host 2.0 (type A)
Operating system	Real-time Linux (with PREEMPT_RT patch)

Technical data

Processor	ARM® Cortex® A9 Quad-Core 1.0 GHz
Main memory (RAM)	2048 MB
Internal memory (flash)	4096 MB
Type of memory card	microSD (max. 2 GB); microSDHC (max. 32 GB)
Indicators	Three-color LED (red, green, blue)
Control Elements	Resistive touch panel, two capacitive keys, proximity sensor
Supply voltage	24 VDC, SELV (18 … 31.2 V); with reverse voltage protection
Input current (typ.)	340 mA, without USB load; 620 mA, with USB load
Operating power	6.8 W, without USB load; 11.8 W, with USB load

Connection Data

Connection technology: communication/fieldbus	Web browser: 2 x RJ-45; 2 x USB 2.0 host (type A)
Connection technology: supply	1 x Included female connector (734-103/037-000) 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

Mounting type	Clamping elements (included) or VESA mount (4 x M4x8)

Material data

Weight	850 g

Environmental requirements

Ambient temperature (operation)	-20 … +55 °C (Vertical mounting position; -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 %

Data Act

Pre-contractual Information	Data-Act-AUT-Produkte-HMI

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143839433
Customs tariff number	84714100000

Continued on next page

Product Classification

UNSPSC	43211903
ETIM 9.0	EC001414
ETIM 10.0	EC001414
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03083
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

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

Approvals for marine applications

Approval	Standard	Certificate Name
DNV DNV Germany GmbH	-	TAA00001FS

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 762-4102

Continued on next page

Documentation

Manual

Product Manual WAGO Touch Panel 600	1.9.0 16.08.2024	pdf 2588.39 KB	

System Description

Touch Panel 600, system description	pdf 512.48 KB	

Additional Information

WAGO OPC UA Server	V 1.1.0 28.01.2021	pdf 1132.87 KB	

Bid Text

762-4102	21.12.2018	docx 20.91 KB	
762-4102	19.02.2019	xml 5.16 KB	
ausschreiben.de 762-4102			

CAD/CAE-Data

CAD data

2D/3D Models 762-4102	

CAE data

EPLAN Data Portal 762-4102	
ZUKEN Portal 762-4102	

Runtime Software

Firmware

TP 600 Codesys V3.5 Firmware	V 25 14.07.2023	zip 0.02 KB	
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 Product Expansions

1.1.1 Runtime software



Item No.: 2759-230/211-1000
Runtime; MicroBrowser; Single License; Online activation

Continued on next page

1.2 Optional Accessories

1.2.1 Installation

1.2.1.1 Mounting accessories



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

1.2.2 Memory card

1.2.2.1 Memory card

Item No.: 758-879/000-3116
Memory Card SD Micro; pSLC-NAND; 16 GB; Temperature range: -40 to 85°C