Data Sheet | Item Number: 8002-099/000-641
Touch Panel; 17.8 cm (7.0"); 1024 x 600 pixels

https://www.wago.com/8002-099/000-641

- Fast operating speed with the high-performance i.MX6 Solo or i.MX8MPlus Quad processor
- Visualization programming
- - State-of-the-art HMI programming software application with a modern and intuitive UI/UX that simplifies HMI projects
- - Accessible to users of all skill levels
- Standard connection to WAGO's controller options using OPC UA and Modbus
- - Other communication options include MQTT (SparkPlug), EtherNet/IP and others
- - Protocol gateway to different fieldbus and Ethernet control protocols
- - Multiple PLC drivers (communicate to a majority of the Industrial Automation controllers)
- Panel Mounting
- - with VESA mounting on the 10" models
- Gbit ETHERNET port(s) for connecting to field devices and the engineering tool
- USB interface for optional connection of a USB stick, mouse or keyboard
- SD Card Slot of memory expansion
- NEMA 4X, 12 rated, IP65 or IP68 certified, and meet international compliance standards for CE, UL and cUL
- RS-422/485 & RS-232C communication options
- 4 GB User Memory and 250 MB Project Memory for the most demanding applications

Technical data

Display diagonal	17.8 cm (7 inches)
Display	Resistive touchscreen
Display colors	16.7 million colors
Graphics resolution	(1024 x 600) px
Brightness	600 cd/m²
Operating system	Embedded Linux
Processor	ARMv8-A i.MX8MPlus Quad 1.6 GHz
Main memory (RAM)	2 GB LPDDR4
Internal memory (flash)	8 GB eMMC
Type of memory card	microSD
Supply voltage	24 VDC; Class 2
Power consumption (max.)	10 W

Connection data

Connection technology: communication/fieldbus	Ethernet 10/100/1000: 2 x RJ-45; RS-422/-485 interface: 1 x Female Connector; 5-pole; RS-232 serial interface: 1 x D-sub 9 plug; None specified: 1 x USB-A Type 1; None specified: 1 x USB-C Type 1

Physical data

Width	185 mm / 7.283 inches
Height	127 mm / 5 inches
Depth	52 mm / 2.047 inches
Panel cutout (W x H)	(177 x 119) mm

Material data

Housing material	Plastic
Fire load	0 MJ
Weight	780 g

Environmental requirements

Ambient temperature (operation)	-20 … +70 ℃
Ambient temperature (storage)	-25 … +75 ℃
Pollution degree	2
Relative humidity	10 … 90 % (None specified)
Vibration resistance	None specified

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
GTIN	4066966541625

Product Classification

UNSPSC	43211903
ETIM 9.0	EC001414
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 8002-099/000-641	↓

Documentation

Manual

7.0" Visual Panel 207 HMI	1.0 17.02.2025	pdf 772.28 KB	↓
Visual Panel 207, Visual Panel 210/210WT Simplified Manual	1.0 17.02.2025	pdf 247.32 KB	↓

Additional Information

Visual Panel 200 Configuration Guide	pdf 1917.56 KB	↓
Visual Panel 200 Connection Guide	pdf 857.27 KB	↓
Visual Panel Technical Firmware Guide	pdf 709.14 KB	↓

System Software

Visual Designer	4.2.1	zip 615322.56 KB	↓
vpupdate		swu 388557.50 KB	↓

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

Current addresses can be found at:: www.wago.com