**10" colour touch panel for visualisation & configuration**

of up to 3 master devices with 10 subordinate slave measurements each or a maximum of 33 directly connected slave measuring devices via RS485 (Modbus RTU).

Display of all current and energy measured values, display and storage of the last min. and max. values, topology view of the connected devices, visualisation of the main and subordinate measurement.

User administration with password-protected display, possibility of creating a hierarchical user structure and assignment of rights via the interface.

Integrated alarm management with acknowledgement function of pending alarms, storage of historical alarms and e-mail notification.

Dynamic topology configuration of up to 33 units, group transmission of configurations to several units, plug & play configuration via USB for import and export of unit configurations.

import and export of unit configurations, labelling of the individual measuring channels,

Limit values can be set per channel, and much more.

Display of the device homepages of the master devices, export of the measurement data via USB and remote access via Teamviewer or microbrowser.

Factory pre-installed system with web browser and subsequently installable Android applications (APPs).

Design: Panel mounting

Mounting: The system is suitable for panel mounting. With optional accessories, the system is suitable for mounting on support arm systems (VESA standard 75/75).

Display: 10" LED-TFT, capacitive multi-touch

Front: real glass

Resolution: 1024 x 600

Brightness: 450 cd/m²

Hardware:

CPU type: Embedded CPU Board XI

CPU: Rockchip RK3288 Quad-Core CPU 1.6 GHz

RAM: 2GB DDR3 SDRAM

HDD: 8GB eMMC storage

Software:

Operating system: Embedded OS Android 6 (Marshmallow).

Pre-installed software: Manufacturer's user interface, Teamviewer Host, HTML5 web browser (Micobrowser)

Interfaces:

01x RS485 with Modbus RTU

01x Ethernet (RJ45) 10/100 Mbit

01x USB type A 2.0

01x Micro-USB

Supply voltage: 24V DC

Connection: Screw terminals, 2-pole

Power consumption full load: 13 W at 24 DC

Operating current: 1A

Power supply unit not included in delivery

Dimensions (WXHXT) = 282 x 184 x 35 mm

Weight: approx. 0.9 kg

Protection class front: IP 53

Protection class rear & connections: IP 20

Operating temperature: 0°C to 35°C

Storage temperature: 0°C to 70°C

Relative humidity: 10-90%, non-condensing

Ventilation: Fanless

EC conformity according to EMC Directive 2014/30/EU

RoHS compliant according to Directive 2011/65/EU

Delivery includes:

Mounting accessories, documentation, parameterisation & evaluation software in basic version, adjustment of the design to the practical application, configuration and parameterisation of the unit, delivery, mounting as well as connection.

Manufacturer: Janitza electronics GmbH

Type: JPC 100-Web

Item no.: 1506358