HMI

KeTop T135 ECO

The mobile 7" web visualization in the ECO version

The KeTop T135 ECO is equipped with a 7" multitouch screen and, thanks to the browser, can be used for all modern visualization tasks and due to the Ethernet connection, with any control system. The T135 ECO impresses with the best ergonomics, compactness and is a real lightweight.

Product features

// the cost-efficient variant of the T135
// open for all controls
// optimized for web visualizations
// analog resistive touchscreen
// up to 3 operating controls

KeTop T135 ECO

Technical specifications

Display	
Type	TFT
Size	7"
Resolution	1.024 x 600 pixels (WSVGA)
Touchscreen	analog resistive touchscreen
Backlighting	LED

Housing	
HxBxT [mm]	180x234x180 (incl. e-stop)
Weight	Approx. 850g (incl. e-stop)
Material	PPE/PS

Operating elements (optional)	
Membrane keyboard with tactile feedback	Up to 14 buttons on the front of the device (13 freely assignable buttons + 1 power button) and 4 LEDs (3 status LEDs + 1 power LED)
Rotary switch	4 or 16 positions
Selector switch	2 positions
Key switch	2 or 3 positions
Push button	White / green / red, illuminated, momentary

Safety elements	
Emergency stop / stop button	2-circuit wired (EN ISO 13850)
Enabling switch 3-position	2-circuit, positive opening according to EN 60947-1 and EN 60947-5-8

SW connectivity	
Visualization	Browser, VNC, native application
Keys and controls	Modbus TCP/IP, OPC UA (Client+Server), S7-Driver

Computer core	
CPU	ARM Cortex A53 Dual Core 1,2 GHz
Memory	2 GB RAM, 4 GB Flash

Ambient conditions	
Operating temperature	0 °C to 45 °C
Storage temperature	-25°C to +70 °C
Relative humidity	5 % to 95 % (non-condensing)

General data	
Operating system	Linux
Power supply	24 V DC
Protection type / protection class	IP54 / III nach EN 61131-2 bzw. EN 50178
Accessories	Wall bracket, hand strap, magnetic holder
Directives	EMC Directive 2014/30/EU, RoHS Directive 2011/65/EU, Machinery Directive 2006/42/EG

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