



Smart  
connections.

Data sheet

Touch operating terminal

# TECHNICAL DATA for touch operating terminal

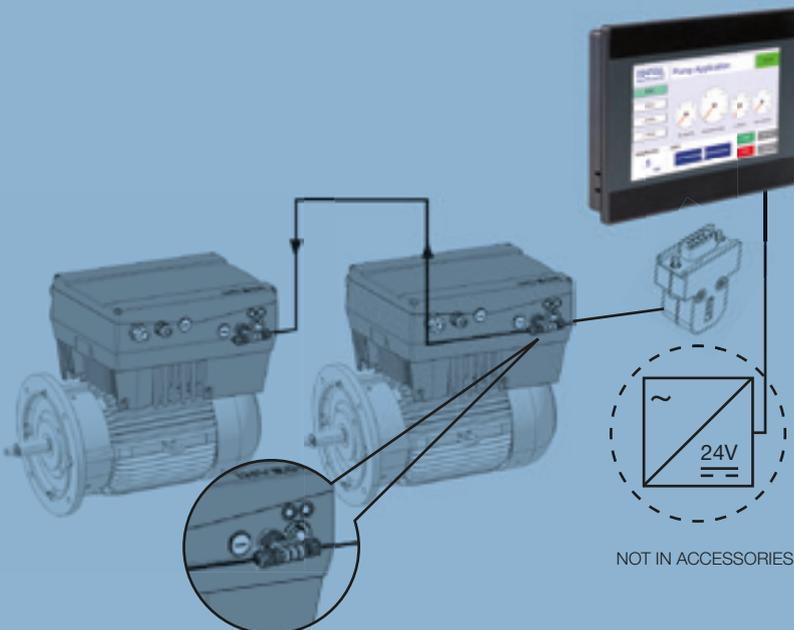


The 7" touch operating terminal in dark grey has been especially designed for operating and monitoring tasks in all areas of industrial automation. The fan-free system with 32-bit Cortex-A8 processor and a 600 MHz frequency has ample computing power and changes page with impressive speed. The EasyBuilder Pro project planning software makes no special demands of your PC, is easy to operate and is available free of charge.

- 7" TFT LCD graphic display, 800 x 480 pixels
- LED background lighting
- Robust plastic housing
- Fan-free cooling system
- Real-time clock (RTC)
- IP65 on front, conforms to NEMA4
- Ethernet 10/100 BaseTX
- RS485
- USB host

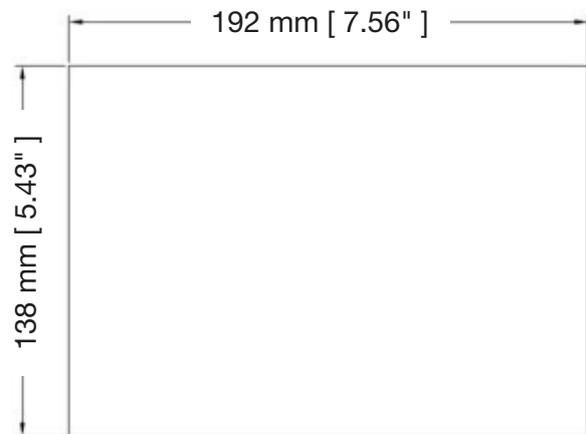
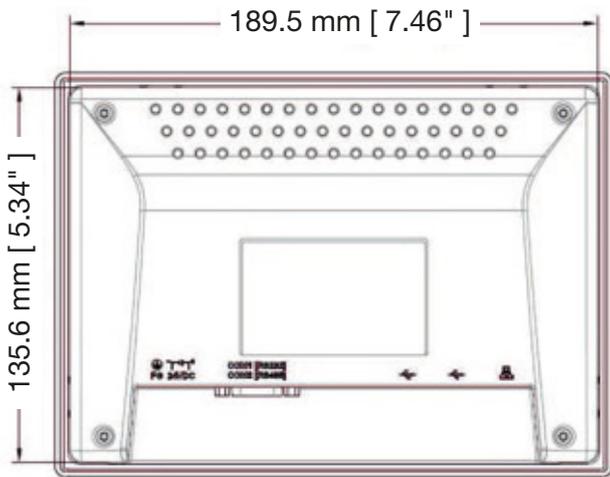
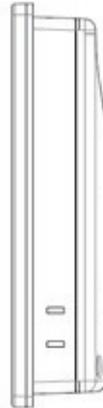
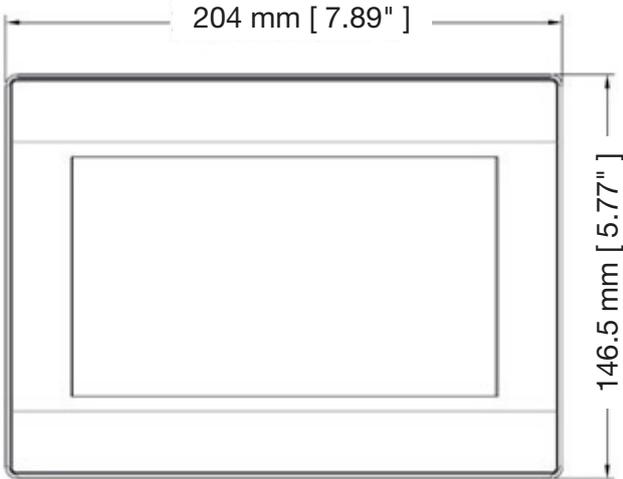
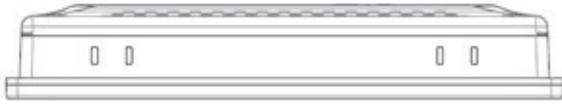
Voltage supply	10.8 VDC to 28 VDC Connection via pluggable 3-pin terminal strip
Power consumption	500 mA at 24 VDC
Display	Size: 7", resolution: 800 x 480, display: TFT-LCD Touch, brightness: 300 cd/m <sup>2</sup> , colours: 16.7 mill., contrast: 500:1
Touch display	4-wire with analogue resistance, background lighting provided by LED with a typical service life of 30 000 h
Indicators	1 LED for displaying the voltage supply
CPU and core logic	32-bit RISC Cortex-A8, 600 MHz processor, Linux-based operating system
Memory	128 MB RAM, 128 MB memory
USB port	1 x USB 2.0 Host
Serial interfaces	COM1: RS232, COM3: RS485
Protocol	Modbus RTU
Protection class	On front IP65
Shock	10 Hz to 25 Hz (X, Y, Z direction 2 g over 30 minutes)
Housing	Robust, dark grey plastic housing
Dimensions in mm (WxHxD)	200.4 x 146.5 x 34
Weight	Approx. 520 g
Ambient temperature	Operation: 0°C to +50°C, storage: -20°C to +60°C
Software	EasyBuilder Pro
Scope of delivery	Device, seal, fastening material

## Connection diagram



Modbus accessories	
Description	Item no.
M12 connecting cable 2 m	10272382
M12 connecting cable 5 m	10272793
M12 connection cable open 2 m plug	10272795
M12 connection cable open 10 m plug	10272794
M12 connection cable open 2 m coupling	10138807
M12 connection cable open 10 m coupling	10138809
M12 T-splitter	10272829
M12 plug can be self-assembled	10137294
M12 coupling can be self-assembled	10272796
M12 terminating resistor 120 Ohm	10343387
D-SUB connector, 9-pos. female connector	10519423

# PRODUCT DIMENSIONS for touch operating terminal



34 mm [ 1.34" ]