![Fuji Electric logo] **Fuji Electric**

Innovating Energy Technology

Programmable Operator Interface

TECHNOSHOT

Communication technology drives innovation in every industry.

Improved display quality — TFT LCD increases the number of colors and improves brightness, viewing angle and contrast.

USB Ver.2.0 compatible

Expanded screen data memory and backup memory *Only TS2060i

Ethernet and SD card compatible *Only TS2060i

Hakko Electronics Co., Ltd.

Specifications

		TS2060	TS2060i
Screen memory (FROM)		2.5M bytes	10.5M bytes
Backup memory (SRAM)		128K bytes	512K bytes
Stroke font		—	Supported
Screen specifications	Display device	TFT color	
	Resolution	320 × 240 dots	
	Display size	5.7 inches (QVGA)	
	Colors	65,536 colors	
	Backlight	LED	
	Backlight life	50,000 hrs	
Touch switch	Type	Analog resistive film	
Function switch	Number of switches	6	
Panel cutout		174.0mm x 131.0mm (Same as V806/V606e/UG221H/S806)	
External interface	D-Sub9 pin[*1]	—	RS-232C/RS-422/RS-485, asynchronous type, Data length: 7, 8 bits, Parity : odd, even, none, Stop bit : 1, 2 bits, Baud rate : 4800, 9600, 19200, 38400, 57600, 76800, 115200 bps
	Modular 8-pin (MJ1/2)	RS-232C/RS-422 (4-wire type)[*2]/RS-485 (2-wire type), asynchronous type, Data length : 7, 8 bits, Parity : odd, even, none, Stop bit : 1, 2 bits, Baud rate : 4800, 9600, 19200, 38400, 57600, 76800, 115200, 187500 bps[*3]	
	SD card	—	1 card slot (SD/SDHC card)
	Ethernet	—	1CH, Baud rate : 100Mbps, 10Mbps
	USB	Type mini-B (Ver. 2.0)	Type A,Type mini-B (Ver. 2.0)
	Communication unit	—	CUR-xx compatible
Compatible standards		CE/KC/UL61010-1、UL61010-2-201	
Case color		Black	
Battery		Button battery / LIFE : 5 years (ambient temperature 25℃)	

*1 Only when an optional unit DUR-00 is attached to TS2060i.   *2 Only MJ2 is compatible with 4-wire system.
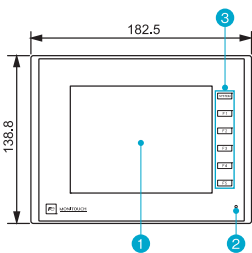*3 SIEMENS MPI / PPI at 187500 bps is available only with MJ2.

Model Designation

T S 2 0 6 0 □

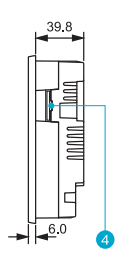**External interface specifications**

i : Optional unit DUR-00 and CUR-xx can be attached.
SD/SDHC slot: 1CH
Ethernet: 1CH
USB Type A: 1 port
External 5V power supply available

None : No above external interfaces
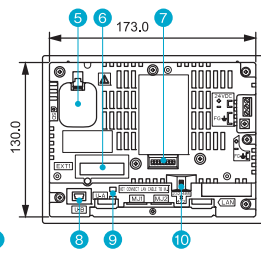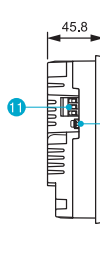External 5V power supply not available

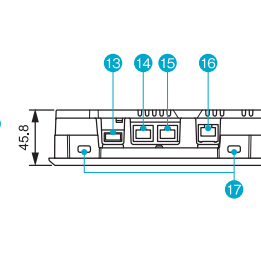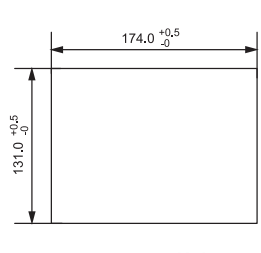# Dimensions and Part Names

Front view | Side view | Rear view | Side view | Bottom view | Panel cutout

182.5 ③
138.8
① ②

39.8 ⑤ ⑥ 173.0 ⑦
130.0
6.0 ④ ⑧ ⑨ ⑩

45.8 ⑪ ⑫

⑬ ⑭ ⑮ ⑯
45.8 ⑰

174.0 +0.5 -0
131.0 +0.5 -0

Unit: mm

Part Names

①Display
②Power lamp
③Function switches
④SD card connector (SD)[*1]
⑤Battery holder
⑥Communication interface unit connector (EXT1)[*1]

⑦DIP switch
⑧USB mini-B (U-B)
⑨USB cable fixing hole
⑩Slide switch
⑪Terminal block
⑫Communication FG terminal

⑬USB-A (U-A)[*1]
⑭Modular jack (MJ1)
⑮Modular jack (MJ2)
⑯100BASE-TX/10BASE-T connector (LAN)[*1]
⑰Screw hole

*1 Only TS2060i.

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