

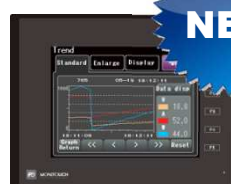
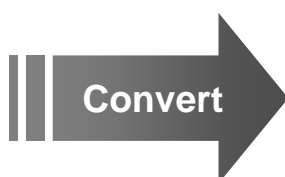
# TECHNOSHOT

## TS2060i Replacement Guidance

[V806 > TS2060i]

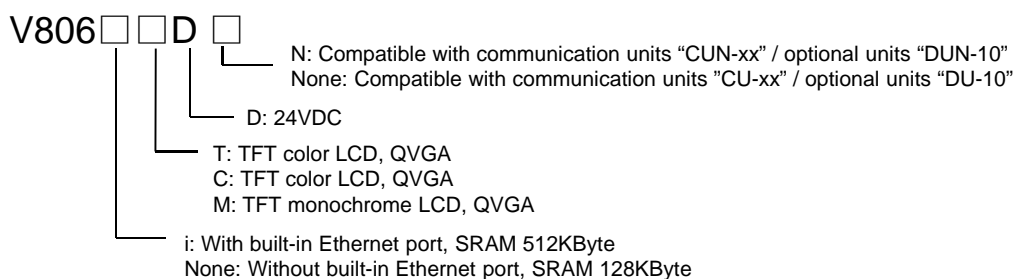


V806 series


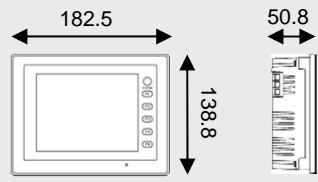
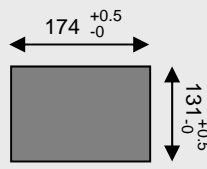


TS2060i

## - Model names of V806 series


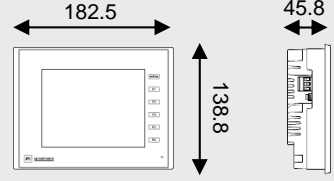
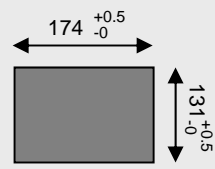


## - Main difference

		V806i/V806 series		
		V806iTD(N) V806TD(N)	V806iCD(N) V806CD(N)	V806iMD(N) V806MD(N)
Front view				
External dimensions (mm)				
Panel cut-out (mm)				
Display device		TFT color		TFT mono.
Display color		65,536 colors		16 shades of gray
Display area		5.7-inch		
Resolution		320 × 240 dots		
Memory	FROM	4.5 MB		
	SRAM	512 KB *1 / 128 KB		
Touch switch		Analog		
Com. I/F	Serial	CN1	D-Sub 9pin (with DU(N)-10): RS-232C / RS-422/485	
		MJ1	Modular 8pin: RS-232C / RS-485 (2-wire)	
		MJ2	Modular 8pin: RS-232C / RS-422 (4-wire) /485(2-wire)	
	USB		USB-A, USB-B	
	Ethernet		1CH *1	
	Network		Communication units: CU-xx/CUN-xx	
Storage		CF card (with DU-10/DUN-10)		
Power supply		24 VDC		
Power supply terminal <sup>*2</sup>		For spade/ring terminals, Cross-recessed head screws		

\*1 Only V806iTDN/V806iCDN/V806iMDN

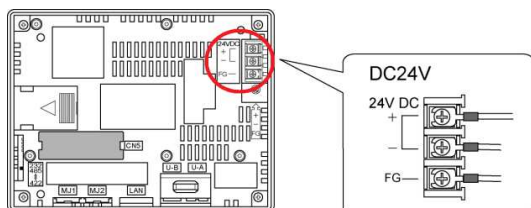
\*2 For the details, please refer to page 3.

		Recommended replacement models
		TS2060i
		
		
		
		<b>TFT color</b>
		Color: 65,536 colors Monochrome: 16 shades of gray
		5.7-inch
		320 × 240 dots
		<b>10.5 MB</b>
		<b>512 KB</b>
		Analog
		D-Sub 9pin ( <b>with DUR-00</b> ): RS-232C / RS-422/485
		Modular 8pin:RS-232C / RS-485 (2-wire)
		Modular 8pin: RS-232C / RS-422 (4-wire) /485 (2-wire)
		USB-A, <b>USB-miniB</b>
		1CH (Auto-MDIX)
		<b>Communication units: CUR-xx</b>
		<b>SD/SDHC card (built-in slot)</b>
		24 VDC
		<b>For blade terminals, Slotted head screws</b>

## - Power supply terminals

Both of the power supply terminals differ in form. If the power cable is connected to the power supply terminal with spade/ring terminals, it requires to process the terminals of the cable. Please connect frame ground wires for communication to the terminal for frame ground.

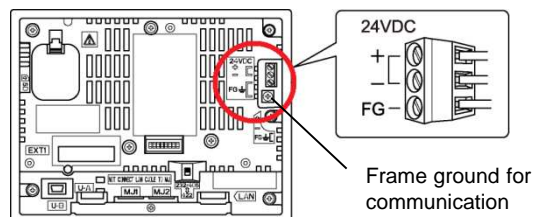
### - V806 series



### - Power cable specifications

Power cables, frame ground wires: 16 to 14 AWG

### - TS2060



**\*It requires to tighten screws of the power supply terminal with a flat head screwdriver.**

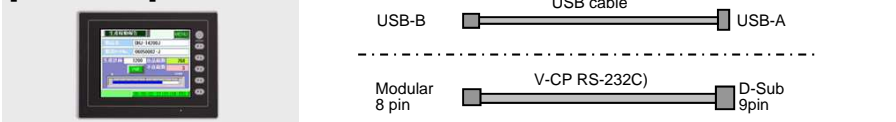
Recommended flat head screwdriver :  
Phoenix Contact SZS 0.6 x 3.5

### - Power cable specifications

<b>When the cable is directly connected to the power supply terminal</b>	Power cable: 18 to 14 AWG Stranded/solid cable (1.0 to 1.6 mm in diameter) FG wire: 20 to 14 AWG Stranded/solid cable (0.8 to 1.6 mm in diameter)
<b>When the cable is connected to the power supply terminal with blade terminals</b>	Recommended blade terminal: AI 0.75-6 GY, AI 1-6 RD, AI 1.5-6 BK (Phoenix Contact)  Recommended crimping tool: CRIMPFOX 6 (Phoenix Contact)

## - Screen program transfer

### [V806 series]

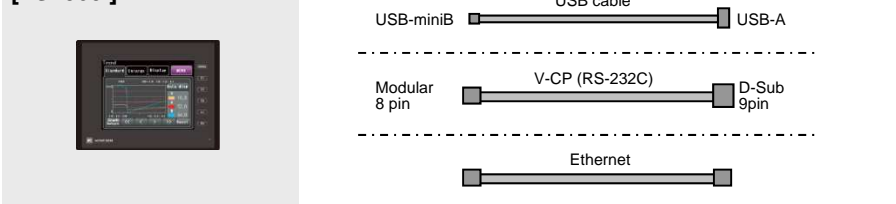


\*It is also possible to transfer screen programs with CF cards or via Ethernet (It requires to use models with a Ethernet port or models with "CU-03-3"/"CUN-03-3").

### V-SFT-5 (Ver. 5)

Windows 98SE / NT4.0 / Me / 2000 /  
XP / XP 64 Edition / Vista (32bit, 64bit) /  
7 (32bit, 64bit) / 8 (32bit, 64bit) /  
8.1 (32bit, 64bit)

### [TS2060i]



\*It is also possible to transfer screen programs with SD cards or USB flash drives.

\*An Ethernet port of TS2060i has Auto-MDIX. It is possible to use both straight and crossover cables regardless of plugging a hub.

### V-SFT-6 (Ver. 6.0.16.0 or later)

Windows XP / XP 64 Edition /  
Vista (32bit, 64bit) / 7 (32bit, 64bit) /  
8 (32bit, 64bit) / 8.1 (32bit, 64bit) /  
10 (32bit, 64bit)

## - Screen program conversion

It is possible to convert screen programs of V806 to the programs of TS2060i with V-SFT-6 (configuration software).

Open the screen programs of V806 on V-SFT-6, click [System Setting] and then [Edit Model Selection], and change [Edit Model] to TS2060i.

\*We recommend models less restricted in use in this document. Because it is possible to replace your HMI with models other than the recommended one, please select models depending on your system.