

*With the integrated touch panel, function keys, ANSI/RIA R15.06-1999 compliant E-Stop and 3-position enable switch, the TT4/TT5 touch screen terminal unit is best suited for robotic and automated machinery application as operational consoles.*



## TT4/TT5 Touch Screen Terminal

- *Excellent operatability with 5.7" touch panel and function keys.*
- *Increased safety with push-lock type emergency stop switch with dual-channel relay outputs.*
- *High speed RS232/RS485 communication*
- *Windows-based screen design software (WinPanel)*
- *Many OEM options (selector switch etc.)*
- *Optional 3-position enable switch (TT4-3, TT5-3 only)*



3-Position Enable Switch

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## Specifications

		TT4/TT4S	TT5/TT5S
Display	Graphical	240 x 320 Pixels	240 x 320 Pixels
	Text	30 line x 40 Characters	30 line x 40 Characters
	Type	Mono Display	Color Display
Power Supply		24VDC	24VDC
Current Consumption		0.3A	0.3A
Cable Length (default)		2m	2m
Dimension (mm)		TT4: 205(W) x 166(H) x 60(D)	TT5: 205(W) x 166(H) x 60(D)
		TT4/S: 221(W) x 172(H) x 55(D)	TT5/S: 221(W) x 172(H) x 55(D)
Optional Components		- Selector Switch (can be used as servo ON/OFF, power ON/OFF)	
		- Customized Cable Length	
		- Number of Dry Contact Output of E-stop (1 or 2)	
		- Customized Connector Types	

## Model Selection Guide

Model #	Description
TT4	Handy type 5.7" mono touch screen
TT5	Handy type 5.7" color touch screen
TT4-3	Handy type 5.7" mono touch screen with 3-position switch
TT5-3	Handy type 5.7" color touch screen with 3-position switch
TT4/S	Panel mount type 5.7" mono touch screen
TT5/S	Panel mount type 5.7" color touch screen

## RS485 Connector<sup>2</sup> (DSUB9, Male)

PIN	SIGNAL	IN/OUT	PIN	SIGNAL	IN/OUT
1	NC	-	6	NC	-
2	NC	-	7	485+	IN/OUT
3	NC	-	8	485-	IN/OUT
4	NC	-	9	+5V	OUT
5	GND	-			

## Customized Connectors<sup>1</sup>

A. Dsub 25 Pin Connector (Male)						B. Dsub 15 Pin Connector (Male)						C. Dsub 9 Pin Connector (Male)					
PIN	SIGNAL	IN/OUT	PIN	SIGNAL	IN/OUT	PIN	SIGNAL	IN/OUT	PIN	SIGNAL	IN/OUT	PIN	SIGNAL	IN/OUT	PIN	SIGNAL	IN/OUT
1	3pos. 1	OUT	14	3pos. 1 COM	OUT	1	FG	-	9	+24V	IN	1	FG	-	6	232DRT	OUT
2	3pos.2	OUT	15	3pos. 2 COM	OUT	2	232TXD	OUT	10	+24V GND	-	2	232TXD	OUT	7	NC	-
3	NC	-	16	SIG GND	-	3	232RXD	IN	11	ND	-	3	232RXD	IN	8	+24V GND	-
4	LAN SD+	OUT	17	LAN SD-	OUT	4	NG	-	12	ND	-	4	232DSR	IN	9	+24V	IN
5	LAN RD+	IN	18	LAN RD-	IN	5	SIG GND	-	13	ND	-	5	GND	-			
6	NC	-	19	EMG2	OUT	6	232DTR	OUT	14	3pos. 2	OUT						
7	NC	-	20	EMG2 COM	OUT	7	3pos. 1	OUT	15	3pos. 2 COM	OUT						
8	NC	-	21	+V24	IN	8	3pos. 1 COM	OUT									
9	NC	-	22	+24V GND	-												
10	232RXD	IN	23	FG	-												
11	232TXD	OUT	24	EMG1	OUT												
12	NC	-	25	EMG1 COM	OUT												
13	SIG GND	-															

<sup>1</sup>Customers can choose from three types of connectors available to the unit (A, B, C defined above)

<sup>2</sup>On the front side of the unit (used for screen data loading in conjunction with DYNAX CBIC PCMCIA card)



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