

# 1. VS-606PC3 INVERTER MAIN UNIT (Cont'd)

## (2) Control circuit terminals (factory preset)

Table 1.5 Control Circuit Terminal Functions

Classification	Terminal	Signal Name	Function		Signal Level
Sequence Input Signal	1	Forward run /stop signal	Forward run at "closed", stop at "open"		Photo-coupler insulation input 24 VDC 8 mA
	2	Reverse run/stop signal	Reverse run at "closed", stop at "open"		
	3	Fault reset input	Reset at "closed"	Multifunction contact input 3 signals available to select*	
	4	External fault	Fault at "closed"		
	5	Multi-step speed ref. 1	Effective at "closed"		
	6	Sequence control input common terminal	Common terminal for sequence input		
Analog Input Signal	10	Power supply terminal for frequency setting	Speed ref power supply		+12 V (Allowable current 20 mA max.)
	8	Frequency ref.	0 to +10V/Max. output frequency		0 to +10 V (20k $\Omega$ )
	9		4 to 20 mA/Max. output frequency		4 to 20 mA (250 $\Omega$ )
	11	Common terminal for control circuit	0V		—
Sequence Output Signal	13	During running	"L" level at run	Multifunction photo-coupler output: two signals available to select †	Photo-coupler output +48 V 50 mA or less
	14	Frequency agreed signal	"L" level at set frequency=output frequency		
	7	Photo-coupler output common	Common terminal for sequence output		
	FLT-A	Fault signal contact output	Possible to select the function as multifunction output #	Multi-function contact output	Contact capacity 250 VAC : 1A or less 30 VDC. 1A or less
	FLT-B				
FLT-C	Fault signal contact output common	"Closed" between A and C at fault "Open" between B and C at fault.			
Analog Output Signal	12	Frequency meter	0 to 10 V/max. output frequency		0 to 11 V max. 2 mA or less
	11	Common	Possible to select current meter output		

\* For details, refer to "MULTIFUNCTION CONTACT INPUT FUNCTION SELECTION" on page 115.

† For details, refer to "MULTIFUNCTION OUTPUT FUNCTION" on page 121.

‡ For details, refer to "MULTIFUNCTION ANALOG OUTPUT MONITOR SETTING" on page 110.

# For details, refer to "MULTIFUNCTION OUTPUT FUNCTION" on page 121.

INVERTER MAIN UNIT