

OPTB_ Option Boards

OPTB_ option boards are installed in slots B, C, D or E. These boards are used to increase the number of control inputs and outputs. These boards may not be installed in slot A.

There are no board-related parameters for OPTB_ I/O expander boards, except for board OPTBB.

Table 19: OPTB_ Board Features

I/O Board	Allowed Slots	Digital Input (DI)	Digital Output (DO)	Analog Input (AI)	Analog Output (AO)	Relay Output (RO)	Thermistor Input		42 – 240V AC Input	Other
							(TI)	(PT-100)		
OPTB5	B, C, D, E					3				

Option Board B5

OPTB5

Description: Relay board with three relay outputs.

Allowed slots: B, C, D, E

Type ID: 16949

Terminals: Three terminal blocks; Screw terminals (M3) (see **Figure 43**)

Keying: None

Jumpers: None

Board parameters: None

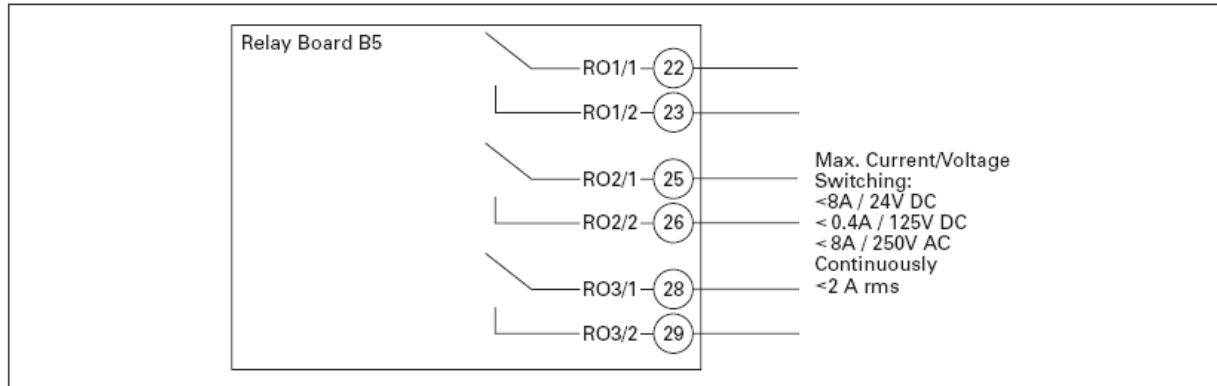


Figure 42: Option Board B5 Wiring Diagram

Table 23: Option Board B5 I/O Terminals

Terminal	Signal	Keypad Parameter Reference	Technical Information
22	RO1/1	Common	Switching capacity: 24V DC/8A 250V AC/8A 125V DC/0.4A Min. switching load: 5V/10 mA Continuous capacity: < 2A rms
23	RO1/2	Normally Open	
25	RO2/1	Common	
26	RO2/2	Normally Open	
28	RO3/1	Common	
29	RO3/2	Normally Open	
		DigOUT: X.1	
		DigOUT: X.2	
		DigOUT: X.3	

Note: This board can be installed in four different slots. The "X" in the Keypad Parameter Reference shall be replaced by the slot letter (B, C, D, or E) of the slot in which it is installed. See "Defining Functions to Inputs and Outputs" on **Page 7**.

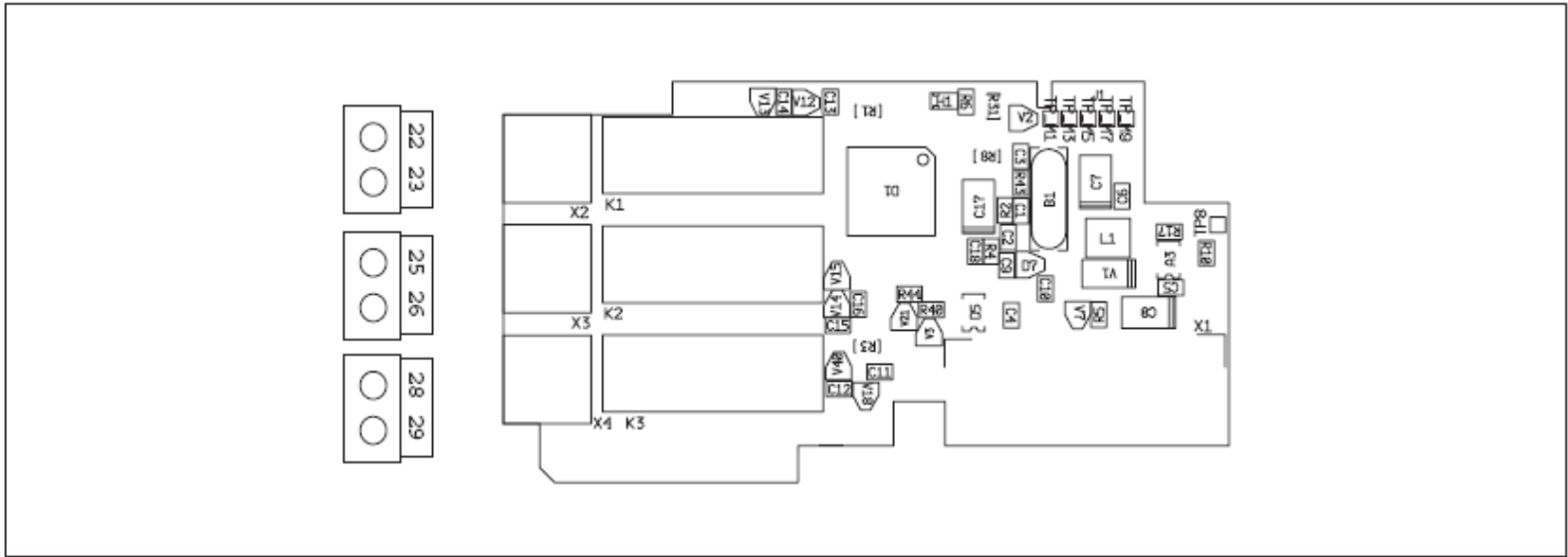


Figure 43: Option Board B5 Terminal Locations