

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)		
OPTB9	B, C, D, E					1			5	

Option Board B9

OPTB9

Description: I/O board with five 42 – 240V AC digital inputs and one relay output.

Allowed slots: B, C, D, E

Type ID: 16953

Terminals: One terminal block; Screw terminals (M2.6) (see **Figure 48**)

Keying: None

Jumpers: None

Board parameters: None

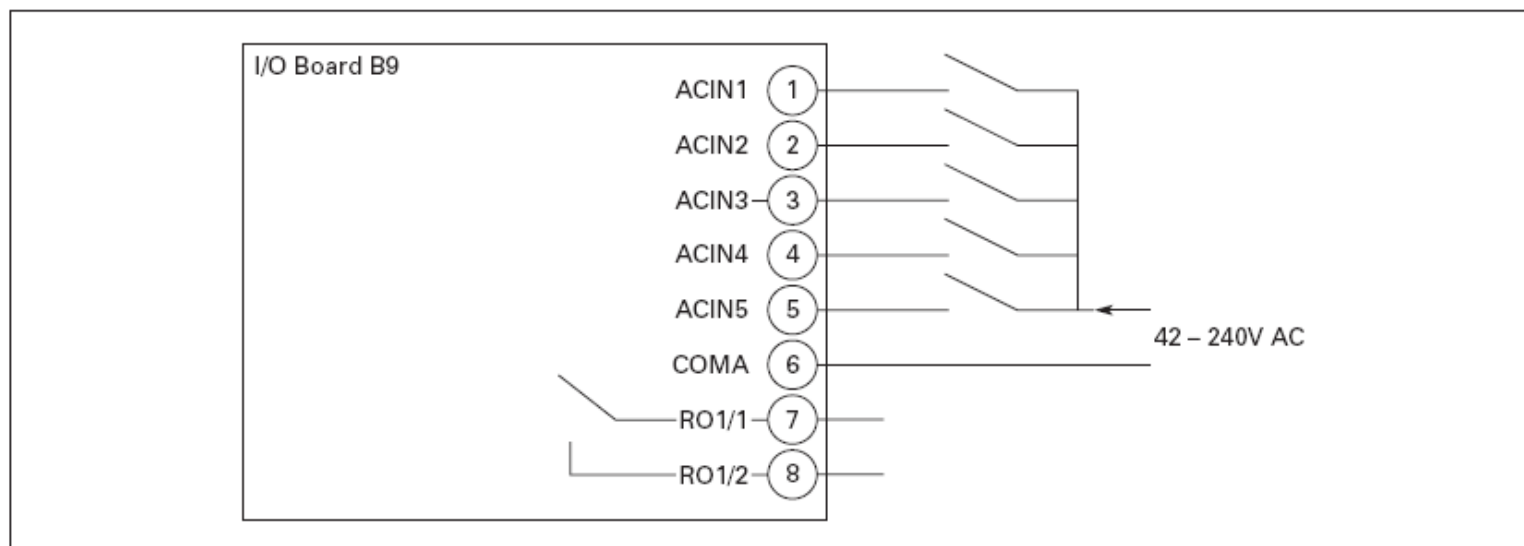


Figure 47: Option Board B9 Wiring Diagram

Table 25: Option Board B9 I/O Terminals

Terminal	Function	Keypad Parameter Reference	Technical Information
1	ACIN1	DigIN: X1	Digital input, 42 – 240V AC (threshold 35V) Control voltage: "0"<33V, "1">35V
2	ACIN2	DigIN: X2	Digital input, 42 – 240V AC (threshold 35V) Control voltage: "0"<33V, "1">35V
3	ACIN3	DigIN: X3	Digital input, 42 – 240V AC (threshold 35V) Control voltage: "0"<33V, "1">35V
4	ACIN4	DigIN: X4	Digital input, 42 – 240V AC (threshold 35V) Control voltage: "0"<33V, "1">35V
5	ACIN5	DigIN: X5	Digital input, 42 – 240V AC (threshold 35V) Control voltage: "0"<33V, "1">35V
6	COMA		Digital input X1, X2, X3, X4, X5 common
7	RO1 Common	DigOUT: X1	Switching capacity: 24V DC/8A 250V AC/8A 125V DC/0.4A Min. switching load: 5V/10 mA Continuous capacity: < 2A rms
8	RO1 Normally Open		

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**.

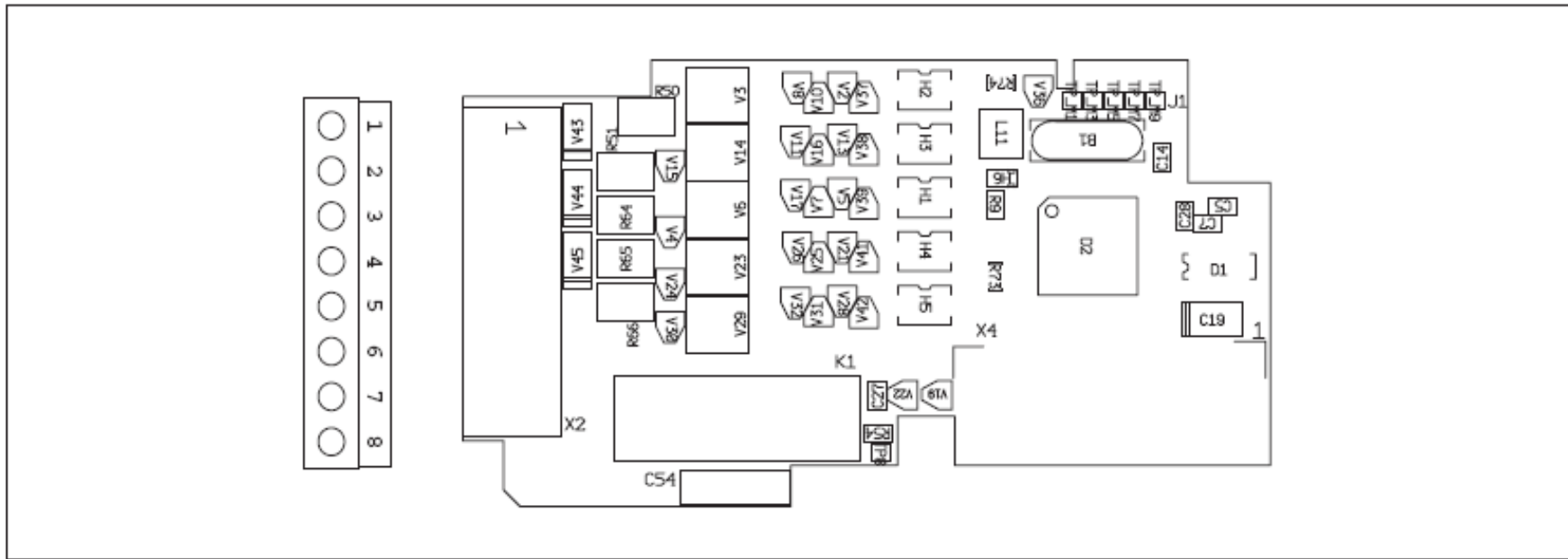


Figure 48: Option Board B9 Terminal Locations