Power Terminal Block



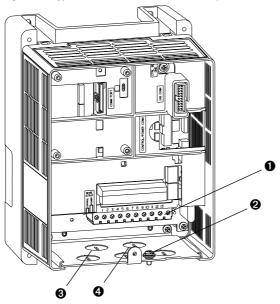


Table 1.A Power Terminal Block Specifications

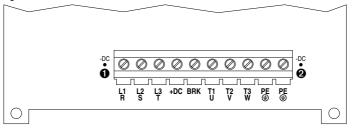
				Wire Size Range ⁽¹⁾		
No.	Name	Description	Frame	Maximum	Minimum	Torque
0	Power Terminal Block	Input power and motor connections		3.5 mm ² (12 AWG)	0.3 mm ² (22 AWG)	0.6 N-m (5 lbin.)
			D	8.4 mm ² (8 AWG)	0.8 mm ² (18 AWG)	1.4 N-m (12 lbin.)
0	SHLD terminal	Terminating point for wiring shields	All	_	_	1.6 N-m (14 lbin.)

⁽¹⁾ Maximum/minimum sizes that the terminal block will accept - these are not recommendations.

Table 1.B Wire Routing Recommendations

No.	Description	
0	Suggested entry for incoming line wiring.	
4	Suggested entry for motor wiring.	

Figure 1.3 Power Terminal Block and DC Bus Test Points

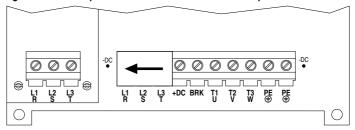


Terminal	Description	Notes
R	R (L1)	AC Line Input Power
S	S (L2)	AC Line Input Power
T	T (L3)	AC Line Input Power
+DC	DC Bus (+)	Dynamic Brake Resistor Connection (+)
BRK	DC Brake	Dynamic Brake Resistor Connection (-)
U	U (T1)	To Motor
V	V (T2)	To Motor
W	W (T3)	To Motor
PE	PE Ground	
PF	PF Ground	

DC Bus Test Points

-DC Test Point	Description	Notes
0	DC Bus (-)	Location on A and B Frame drives
2	DC Bus (-)	Location on C and D Frame drives

Figure 1.4 Power Input Terminals on the Internal RFI Filter Option



Cable Entry Plate Removal

If additional wiring access is needed, the Cable Entry Plate on all drive Frames can be removed. Simply loosen the screws securing the plate to the heat sink and slide the plate out.