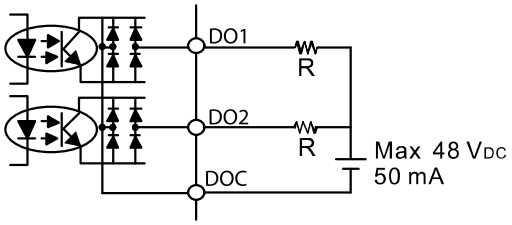
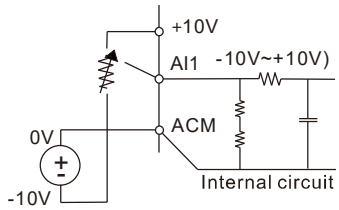
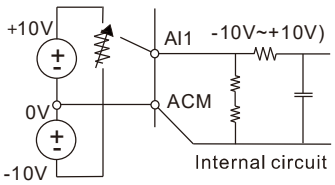
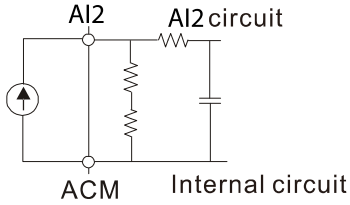
Control Circuit Terminals (continued)		
Terminal Symbol	**Terminal Function**	**Description**
DO1	Digital Output 1 (photo coupler)	The AC motor drive outputs various monitoring signals, such as drive in operation, frequency reached, and overload indication through a transistor (open collector). 
DO2	Digital Output 2 (photo coupler)	
DOC	Digital Output Common (photo coupler)	
R1O	Relay Output 1 (N.O.) a	**Resistive Load** • 3 A (N.O.) / 3 A (N.C.) 250 VAC • 5 A (N.O.) / 3 A (N.C.) 30 VDC **Inductive Load (COS 0.4)** • 1.2 A (N.O.) / 1.2 A (N.C.) 250 VAC • 2.0 A (N.O.) / 1.2 A (N.C.) 30 VDC To output different kinds of monitoring signals such as motor drive in operation, frequency reached, and overload indication.
R1C	Relay Output 1 (N.C.) b	
R1	Relay Output 1 Common	
+10V	Potentiometer power supply	Power supply for analog frequency setting: +10.5 ± 0.5 VDC / 20 mA
AI1	Analog voltage frequency command  	Circuit Impedance: 20kΩ Potentiometer Rating: 5kΩ (for full frequency range) Range: 0–10 V / -10–10 V = 0–Maximum Operation Frequency (P01.00) Mode switching by setting P03.00, P03.28 AI1 resolution=10 bits
AI2	Analog current frequency command 	Impedance: Current mode=250 Ω, Voltage mode=20 kΩ Range: 0–20 mA / 4–20 mA / 0–10 V = 0–Maximum Operation Frequency (P01.00) Mode switching by setting P03.01, P03.29 Switch: The AI2 default is 0–20 mA / 4–20 mA (current mode) AI2 resolution = 12 bits
(continued next page)		