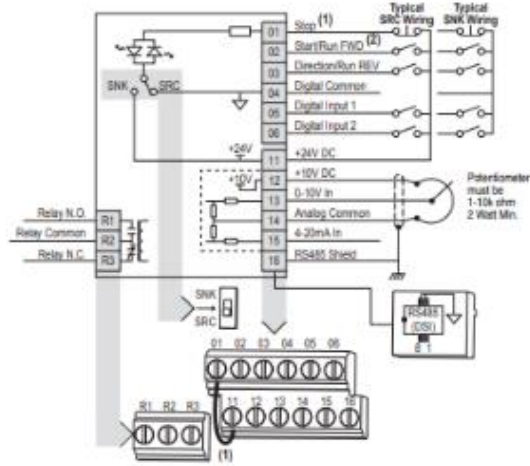


PowerFlex 4M Technical Data



No.	Signal	Default	Description	Param.
R1	Relay N.O.	Fault	Normally open contact for output relay.	I221
R2	Relay Common	-	Common for output relay.	
R3	Relay N.C.	Fault	Normally closed contact for output relay.	I221
Sink/Source DIP Switch		Source (SRC)	Inputs can be wired as Sink (SNK) or Source (SRC) via DIP Switch setting.	
01	Stop (1)	Coast	The factory installed jumper or a normally closed input must be present for the drive to start.	P100 (1)
02	Start/Run FWD	Not Active	Command comes from the integral keypad by default. To disable reverse operation, see A035 (Reverse Disable).	P106, P107
03	Direction/Run REV	Not Active		P106, P107, A434
04	Digital Common	-	For digital inputs. Electronically isolated with digital inputs from analog I/O.	
05	Digital Input 1	Preset Freq	Program with I201 (Digital In1 Sel).	I201
06	Digital Input 2	Preset Freq	Program with I202 (Digital In2 Sel).	I202
11	+24V DC	-	Drive supplied power for digital inputs. Maximum output current is 100mA.	
12	+10V DC	-	Drive supplied power for 0-10V external potentiometer. Maximum output current is 15mA.	P108
13	0-10V In (2)	Not Active	For external 0-10V input supply (input impedance = 100k ohm) or potentiometer wiper.	P108
14	Analog Common	-	For 0-10V in or 4-20mA In. Electronically isolated with analog inputs from digital I/O.	
15	4-20mA In (3)	Not Active	For external 4-20mA input supply (input impedance = 250 ohm).	P108
16	RS485 (DS) Shield	-	Terminal should be connected to safety ground - PE when using the RS485 (DS) communications port.	

(1) Only one analog frequency source may be connected at a time. If more than one reference is connected at the same time, an undetermined frequency reference will result.