FAN WIRING GUIDE
FOR BASIC CONTROL PANEL

CONTROL PANEL CONNECTIONS

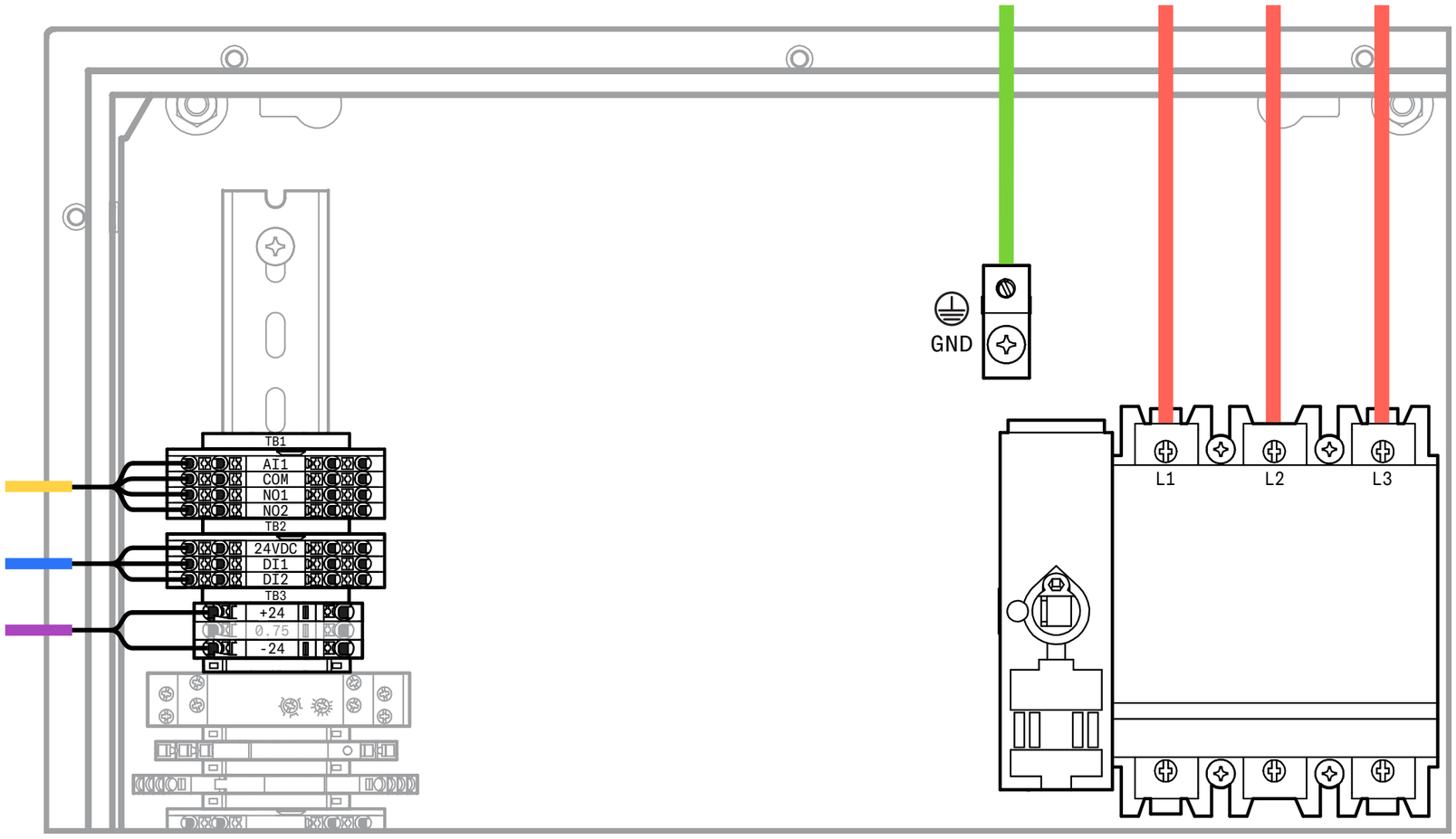
Use this guide to connect the Q-PAC Fan with a Q-PAC Basic Control Panel to your BMS or other HVAC control system. For details on panel functions and settings, check the Q-PAC Basic User Manual.

NOTES:

1. Refer to the document pouch included with the Control Panel for detailed panel schematics and support information.
2. Conductor size to be determined by NEC and Control Panel FLC, as listed on the Control Panel nameplate.
3. All open-ended lines indicate wiring to be completed by others in the field.
4. Component drawing sizes and positions adjusted for clarity. Actual components may vary with vendor availability and lead time.

DV. 1.1

TB 1			REQ
AI1	Speed control, 0-10VDC	Analog Input	X
COM	Reference for AI1	Analog Input	
NO1	Normally open circuit: System is in fault. Closed circuit: System is OK.		
NO2			
TB 2			
24VDC	Output for Digital Input controls (DI1-DI4), 24VDC	Digital Output	X
DI1	Safety Circuit	Digital Input	X
DI2	Start/Stop	Digital Input	X
TB 3			
+24	Supplemental power supply for field-supplied sensors and controls, 24VDC output, 0.75A maximum		
-24			
FUSED DISCONNECT SWITCH			
L1/L2/L3	3 Phase 208V or 480V input voltage, per Fan Controller Nameplate		X
GND	Earth ground		X



FAN WIRING GUIDE
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FAN CONTROLLER CONNECTIONS

This page outlines the Fan Controller Board connections for the Q-PAC Fan. For details on Fan Controller terminals or Modbus functions, see the Q-PAC Basic User Manual.

NOTES:
1. Conductor size to be determined by NEC and Q-PAC Fan MCA as listed on the Fan Controller nameplate.
2. Min 24 AWG (CU) to CN1 and CN3 terminals.
3. All drawn lines indicate wiring to be completed by others in the field.
4. Component drawing sizes and positions adjusted for clarity. Actual components may vary with vendor availability and lead time.

DV 1.1

FAN CONTROLLER		TO	CONTROL PANEL	
CN1	A1	———	A1	FAN A CN1
	COM	———	COM	
	K1A	N/A		
	K1C	———	K1C	
	K1B	———	K1B	
	A2	———	A2	
	COM	———	COM	
CN3	24V	———	24V	FAN A CN3
	0V	———	0V