

PANEL VFD APF35

1. Description

Variable Frequency Drive for APF35 motor.

2. Functions

- Controls speed and direction of motor

3. I/O and Signals

Signal Name	Type	Description	Panel
VFD_RUN_CMD	DO	Start motor	PANEL_CONTROL_RIO
VFD_SPEED_REF	AO	Speed reference	PANEL_CONTROL_RIO
VFD_FAULT	DI	Drive fault status	PANEL_CONTROL_RIO

4. Interlocks & Safety

- Drive fault inhibits motor

5. Dependencies

- Receives command from PLC based on process logic

6. Alarms

Alarm ID	Condition	Message
A_VFD35_01	Drive fault	"VFD APF35 Fault"

7. HMI / Operator Interaction

- Speed display
- Fault reset option