

PANEL VFD PF755

1. Description

Variable Frequency Drive for PF755 motor.

2. Functions

- Controls another motor or zone in the conveyor

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

- Stops on drive fault or jam condition

5. Dependencies

- Controlled by PLC depending on workflow

6. Alarms

Alarm ID	Condition	Message
A_VFD755_01	Drive fault	"VFD PF755 Fault"

7. HMI / Operator Interaction

- Manual speed setting
- Drive alarm acknowledgment