**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**