

COMPONENT CONTROL PS

1. Description

Power supply unit for control components

2. Functions

- Supplies 24VDC or other logic voltages

3. I/O and Signals

Signal Name	Type	Description	Panel
PS_OK	DI	Power good status	PANEL_CONTROL_RIO

4. Interlocks & Safety

- System stops on power loss

5. Dependencies

- Feeds all control components

6. Alarms

Alarm ID	Condition	Message
A_PS_01	Power lost	"PS Fault"

7. HMI / Operator Interaction

- Monitor power supply status