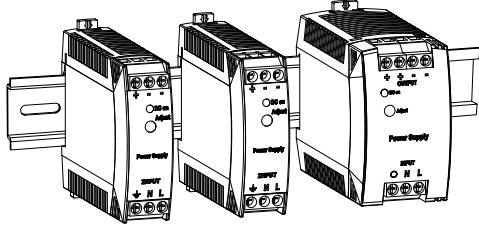


Datasheet

DIN Rail Mount 24 Volt Power Supply for Hazardous Areas



- Industry accepted 24 V dc power supply for hazardous and non-hazardous locations
- Class I, Division 2 (Groups A, B, C, D) approvals
- Universal input (100 to 240 V ac) accepts 88 to 375 V dc
- Protection from short circuit, overloads, and over-voltage
- Mounts on DIN rail TS-35/7.5 or 15
- NEC class 2 compliant
- Adjustable Output Voltage
- LED indicator for DC on active signal
- Wide operating temperature range $-10\text{ }^{\circ}\text{C}$ to $70\text{ }^{\circ}\text{C}$ ($-14\text{ }^{\circ}\text{F}$ to $158\text{ }^{\circ}\text{F}$)
- Cooling by free air convection

Models	PULS Equivalent	Output Current and Voltage	Input Voltage
PSDINP-24-06	ML15.241	0.63 A at 24 V dc (15 W)	100 to 240 V ac or 88 to 375 V dc
PSDINP-24-13	ML30.241	1.3 A at 24 V dc (30 W)	
PSDINP-24-25	ML60.241	2.5 A at 24 V dc (60 W)	



NOTE: Only order the PSDINP model numbers

Specifications

Supply Voltage

100 to 240 V ac

Output Current and Voltage

PSDINP-24-06: 0.63 A at 24 V dc

PSDINP-24-13: 1.3 A at 24 V dc

PSDINP-24-25: 2.5 A at 24 V dc

Temperature Range

$-10\text{ }^{\circ}\text{C}$ to $70\text{ }^{\circ}\text{C}$

PSDINP-24-06 Derating: 0.4 W per $^{\circ}\text{C}$ at 60 to $70\text{ }^{\circ}\text{C}$

PSDINP-24-13 Derating: 0.8 W per $^{\circ}\text{C}$ at 60 to $70\text{ }^{\circ}\text{C}$

PSDINP-24-25 Derating: 1.5 W per $^{\circ}\text{C}$ at 60 to $70\text{ }^{\circ}\text{C}$

Certifications



(IND. CONT. EQ. UL 508)



(UL 60950-1, NEC Class 2, Class I Div 2)



(Class I, Div 2)



(EMC, LVD)

