



Magnetic Door Holder Power Supplies

Mains powered 24 Volts DC Power Supplies

Models: 45 W, 120 W and 240 W

Suitable for electromagnetic door holders

Or other non-supervised fire system ancillaries

Product Overview:

The 24 Vdc (nominal) DIN rail power supplies **PSDRP-240-24**, **PSDR-120-24**, and **PSDR-4524** are recommended for electromagnetic door holders.

They are also suitable for general applications in which neither power supply monitoring nor battery backup are required.

These power supply units must be installed inside a cabinet to prevent accidental contact with exposed terminals.



DIN Rail Power Supplies

Features:

- » Universal AC input / Full range (except PSDR-120-24: AC input range selectable by switch)
- » Models: 45W, 120W, 240W
- » Protections: Short Circuit / Overload / Over temperature
- » Cooling by free air convection
- » Can be installed on DIN rail TS-35/7.5 or 15
- » LED indicator for power on

Specifications:

	PSDRP-240-24	PSDR-120-24	PSDR-4524
» Nominal Output Voltage	24 Vdc	24 Vdc	24 Vdc
» Max. Current	10 A	5 A	2 A
» Rated Output Power	240 W	120 W	48 W
» Output Voltage Range	24 ~ 28 V	24 ~ 28 V	21.6 ~ 26.4 V
» Input Voltage Range	85 – 264 Vdc	176 – 264 Vac	85 – 264 Vac
» Input Current (Typ.)	1.4 A / 230 Vac	1.6 A / 230 Vac	0.75 A / 230 Vac
» Switching Frequency	100 kHz	55 kHz	100 kHz
» Overload Protection	Constant current limiting, recovers automatically after fault condition is removed		
» Over Protection	Shut down o/p voltage, re-power on to recover		Shut off o/p voltage, clamping by Zener diode
» Over Temperature Protection	Shut down o/p voltage, recovers automatically after temperature goes down		Shut down o/p voltage, re-power on to recover
» Temperature Range	-10 ~ + 70 °C	-10 ~ + 60 °C	-10 ~ + 50 °C
» Humidity	20 ~ 90 % RH (non-condensing)	20 ~ 90 % RH (non-condensing)	20 ~ 90 % RH (non-condensing)
» Dimensions (W x H x D)	125 x 130 x 110 mm	65 x 130 x 110 mm	78 x 98 x 66 mm
» Weight	1100 gms	743 gms	287 gms

Note: The power supply unit must be installed inside a cabinet to prevent accidental contact with exposed terminals.

Ordering Information:

Product Code	Description
PSDRP-240-24	Power Supply, DIN Rail mounting, 230 Vac to 24 Vdc @ 10 A
PSDR-120-24	Power Supply, DIN Rail mounting, 230 Vac to 24 Vdc @ 5 A
PSDR-4524	Power Supply, DIN Rail mounting, 230 Vac to 24 Vdc @ 2 A
MAGDHPSUKIT	Mounting Kit for Magnetic door holder PSU

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