

HDR-100-24 MEAN WELL 24VDC 92W DIN Rail Power Supply Datasheet



Brand: Mean Well

SKU: 1046212908374

Category: Power Supplies & Circuit Protection

Price: **\$34.29**

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Product Page:

<https://www.equipspares.com/product/hdr-100-24-mean-well-24vdc-92w-din-rail-power-supply>

Product Description

MEAN WELL HDR-100-24 features a 70 mm x 90 mm x 54.5 mm step-shape plastic housing, delivering a nominal 24 VDC output at 3.83 A with a total power capacity of 92 W. The unit operates on a universal 85 to 264 VAC input range and achieves up to 90 % efficiency under free air convection cooling. Engineered with Class II isolation and a no-load power consumption of less than 0.3 W, the hardware mounts directly onto standard TS-35/7.5 or TS-35/15 DIN rails. Internal mechanisms include constant current limiting for overload protection, alongside overvoltage and short-circuit safeguards, functioning reliably across a -30 to 70 °C temperature range.

HDR-100-24 Specifications

Manufacturer: MEAN WELL

Model Number: HDR-100-24

Product Category: DIN Rail Power Supply

Output Voltage: 24 VDC

Output Current: 3.83 A

Output Power: 92 W

Input Voltage Range: 85 to 264 VAC / 120 to 370 VDC

Efficiency: 90 %

Ripple & Noise: 150 mVp-p

Voltage Adjustment Range: 21.6 to 26.4 VDC

No-Load Power Consumption: < 0.3 W

Isolation Class: Class II

Operating Temperature: -30 to 70 °C

Operating Humidity: 20 to 90 % RH

Dimensions (W x H x D): 70 mm x 90 mm x 54.5 mm

Weight: 0.27 kg

Housing Material: Plastic

Mounting Compatibility: TS-35/7.5 or TS-35/15 DIN Rail

Overload Protection: 102 to 110 % rated output power

Overvoltage Protection: 30 to 36 VDC

Safety Standards: UL508, UL62368-1, IEC62368-1, EN61558-2-16

HDR-100-24 Applications

Primary applications include integration into factory automation control panels, building electromechanical apparatus, and industrial motor drive systems. Deployed within CNC machine enclosures, HVAC control matrices, and automated sorting conveyors, the unit provides regulated DC power to PLCs, sensors, and HMI interfaces.

Supplemental Images

