

DNR240 DIN RAIL POWER SUPPLIES

Product Data Sheet

DNR240PS24-I

240 W 24 V DC power supply

RATED OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	AC INPUT RANGE
240 W	24 V DC	10 A	90 to 132 / 180 to 264 V AC

XP Power DNR240PS24-I is a single-phase AC-DC power supply in the DNR240 DIN rail range for industrial electronics. It provides a regulated 24 V DC output at up to 10 A, delivering 240 W for compatible automation and control loads.

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VERIFIED TECHNICAL DATA

Rated output power	240 W
Output voltage	24 V DC
Output current	10 A
AC input range	90 to 132 / 180 to 264 V AC
DC input range	210 to 375 V DC
Input frequency	47 to 63 Hz
Output adjustment	22.5 to 28.5 V
Efficiency	89% typical
Ripple and noise	100 mV peak-to-peak
Line regulation	±0.5% maximum

ADDITIONAL PRODUCT DATA

Load regulation	±1% maximum
Input-output isolation	3000 V AC
Start-up delay	<1 s
Operating temperature	-40 to +70 deg C; derating above +60 deg C
Parallel capacity	3 units maximum

DOCUMENTED USE SETTINGS

Industrial Manufacturing and Automated Production Processes: Factory Production Automation.

Machine Manufacturing and Production Equipment Engineering: Machine Control Engineering.

Industrial Process Production and Plant Automation: Process Measurement and Control.

SYSTEM COMPATIBILITY

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PRODUCT EVIDENCE

XP Power DNR240 DIN rail power supplies official technical documentation

AMIKON PRODUCT SUPPORT

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