

Industrial power supply for a DIN rail, 24VDC, 5A, 120W, metal housing

ORNO

Marka: Orno | Symbol: OR-PSU-1675 | Ean: 5908254848247



PRODUCT DESCRIPTION

Industrial power supply for a DIN rail is reliable device designed to be used in hard industrial working conditions. Placed in a robust metal housing, it features high resistance to low and high temperatures, which makes it a perfect solution for switchboards.

Thanks to the use of high-quality components, the unit guarantees stability and reliability, which is crucial in the supply of industrial automation systems and machine control processes.

The power supply is suitable for use in harsh industrial environments. It features Class III voltage protection and is equipped with additional current and short-circuit protection to ensure a high level of operational safety. The use of ventilation holes in the housing allows free air flow, which results in effective cooling of the device. This is particularly important in the context of continuous operation, affecting the extension of its service life.

The power supply indicates its activation via an LED and also offers a potential-free output for easy integration into monitoring systems. The output voltage range can be set from 12 to 48V. The power supply has a maximum output current of 5A (with the possibility of 8A at the second output) and a power output of 120W and a maximum overload of 160%. The rated supply voltage ranges from 90 to 264V AC at 50Hz and 60Hz.

The power supply can withstand industrial conditions, operating at an operating temperature of -20°C to +70°C and a storage temperature range of -40°C to +85°C. Humidity resistance is 20-90% during operation and 10-95% in storage conditions, making it a versatile solution for a variety of applications.

The power supply complies with a number of standards (EN55032, EN61204-3, EN61000-3-2, -3, EAC TP TC 020, UL508, EN62368-1, EAC TP TC 004, BSMI CNS14336-1), which confirm its high quality and compliance with international standards. The possibility of mounting on a DIN rail TS-35/7.5 or 15 facilitates to install and customize the device to individual needs. Device dimensions: 64x125x114 mm.

TECHNICAL DATA

General information:

Voltage type of supply voltage:	AC
1st secondary output voltage at DC [V]:	24
Max. output current 1 [A]:	5
Max. output current 2 [A]:	8
Max. Overload [%]:	160
Max. Overcurrent [V]:	240
Secondary voltage adjustable [V]:	12-48
Short-circuit-proof:	Tak
Rated supply voltage at AC 50 Hz [V]:	90-264
Rated supply voltage at AC 60 Hz [V]:	90-264
Output voltage stabilized:	Tak

Line Regulation:	±0,5%
Power output [W]:	120
Efficiency:	0.88
Stabilized:	Tak
Type of electric connection:	Połączenie Śrubowe
Rail mounting possible:	Tak
Wall mounting possible:	Nie
Direct mounting possible:	Nie
Width [mm]:	63
Height [mm]:	125
Depth [mm]:	114
Degree of protection (IP):	IP20
Operating Temperature:	-20 - +70
Storage Temp:	-40 - +85
Storage Humidity(RH)::	10 - 95%
Working Humidity(RH): / wilgotność podczas pracy (bez kondensacji):	20 - 90%
Compliance with standards:	EN55032, EN61204-3, EN61000-3-2,-3, EAC TP TC 020, UL508, EN62368-1, EAC TP TC 004,BSMI CNS14336-1