

Industrial power supply for a DIN rail, 24VDC, 1.7A, 40W, plastic housing

Marka: **Orno** | Symbol: **OR-PSU-1670** | Ean: **5908254848292**

ORNO


PRODUCT DESCRIPTION

The industrial power supply for a DIN rail is a modern and versatile device for increasing the efficiency and safety of industrial installations in switchboards, switchgears or machines used in automation.

The unit provides a stable 24V DC output voltage with a maximum output current of 1,7A with up to 2,55A load capability. The 5-48V AC output voltage range allows to adjust its operation to different system requirements. An output power of 40W and a precise voltage stabilization guarantee efficient and reliable power supply to

the connected devices.

The unit is equipped with an advanced short-circuit, surge and current protection, increasing operational safety and securing both the power supply and the connected devices. It is Class II rated, therefore it meets the high safety standards required in industry.

It is intended for heavy-duty use. Its design facilitates air to flow freely, preventing overheating and supporting long-term, stable operation. Resistance to low and high temperatures further enhances the device's reliability in a variety of environments.

Activation of the power supply is indicated by a LED diode. In addition, it is equipped with a potential-free output, which allows more advanced control over the device. Screws ensure permanent and secure wire connection. DIN rail mounting. Suitable for indoor use (IP20).

The power supply has compact dimensions (41x92x100 mm)) to save space in switchboards and switchgears. The plastic housing and high-quality components ensure a long service life.

The device complies with standards: EN 55032 (CISPR32), EN 61204-3, EN 61000-3-2-3, EAC TP TC 020, CNS1348, UL508, EN 62368-1, EAC TP TC 004, CNS14336-1 AS/NZS 62368.1.

TECHNICAL DATA

General information:

Voltage type of supply voltage:	AC
1st secondary output voltage at DC [V]:	24
Max. output current 1 [A]:	1.7
Max. output current 2 [A]:	2.55
Max. Overload [%]:	150
Max. Overcurrent [V]:	180
Secondary voltage adjustable [V]:	5-48
Short-circuit-proof:	Tak
Rated supply voltage at AC 50 Hz [V]:	85-264
Rated supply voltage at AC 60 Hz [V]:	85-264
Output voltage stabilized:	Tak
Line Regulation:	±1%

Power output [W]:	40
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]:	41
Height [mm]:	92
Depth [mm]:	100
Degree of protection (IP):	IP20
Operating Temperature:	-20 - +60
Storage Temp:	-40 - +85
Storage Humidity(RH)::	10 - 95%
Working Humidity(RH): / wilgotność podczas pracy (bez kondensacji):	20 - 95%
Compliance with standards:	EN 55032 (CISPR32), EN 61204-3, EN 61000-3-2-3, EAC TP TC 020, CNS1348, UL508, EN 62368-1, EAC TP TC 004, CNS14336-1 AS/NZS 62368.1