

INDUSTRIAL COMPONENT DATA

UNO-PS/1AC/24DC/ 60W 2902992 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: UNO-PS/1AC/24DC/ 60W



Manufacturer	PHOENIX CONTACT
MPN / Reference	UNO-PS/1AC/24DC/ 60W
Catalog number	2902992
Category	DC-power supply
Minimum order	1 Pcs
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Product Overview

Power supply unit

UNO POWER primary switching power supply for rail mounting, input: single-phase, output: 24 V DC/60 W

Primary-switched UNO POWER power supply for DIN rail mounting, input: 1-phase, output: 24 V DC/60 W

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Power Supplies (PS)

Additional Product Information

Technical dataInput dataAC operation

Nominal input voltage range 100 V AC ... 240 V AC

Input voltage range 85 V AC ... 264 V AC

Input voltage range AC 85 V AC ... 264 V AC

Voltage type of supply voltage AC

Inrush current < 30 A (typ.)

Inrush current integral (I_{2t}) < 0.5 A²s (typ.)

AC frequency range 50 Hz ... 60 Hz

Frequency range (f_N) 50 Hz ... 60 Hz ±10 %

Mains buffering time > 20 ms (120 V AC)

> 85 ms (230 V AC)

Current consumption typ. 1.3 A (100 V AC)

typ. 0.6 A (240 V AC)

Nominal power consumption 135.5 VA
Protective circuit Transient surge protection; Varistor
Power factor (cos phi) 0.49
Typical response time < 1 s
Input fuse 2.5 A (slow-blow, internal)
Recommended breaker for input protection 6 A ... 16 A (Characteristics B, C, D, K)
Output data Efficiency typ. 88 % (120 V AC)
typ. 90 % (230 V AC)
Output characteristic HICCUP
Nominal output voltage 24 V DC
Nominal output current (IN) 2.5 A (-25 °C ... 55 °C)
Derating 55 °C ... 70 °C (2.5 %/K)
Feedback voltage resistance < 35 V DC
Protection against overvoltage at the output (OVP) ≤ 35 V DC
Control deviation < 1 % (change in load, static 10 % ... 90 %)
< 2 % (Dynamic load change 10 % ... 90 %, 10 Hz)
< 0.1 % (change in input voltage ±10 %)
Residual ripple < 30 mVPP (with nominal values)
Short-circuit-proof yes
Output power 60 W
Maximum no-load power dissipation < 0.3 W
Power loss nominal load max. < 7 W
Rise time < 0.5 s (UOUT(10 % ... 90 %))
Response time < 2 ms
Connection in parallel yes, for redundancy and increased....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UNO-PS/1AC/24DC/ 60W with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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