INDUSTRIAL COMPONENT DATA

PS-EE-2G/1AC/24DC/60W/SC 1394764 PHOENIX CONTACT Primary switching power supplies, ESSENTIAL POWER, Screw co..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PS-EE-2G/1AC/24DC/60W/SC



Manufacturer	PHOENIX CONTACT
MPN / Reference	PS-EE-2G/1AC/24DC/60W/SC
Catalog number	1394764
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-AD9A35151D
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Product Overview

Primary switching power supplies, ESSENTIAL POWER, Screw connection, Rail mounting, input: 1 phase, output: 24 V DC / 2.5 A, adjustable from 24 V DC ... 28 V DC
Primary Switching Power Supplies, ESSENTIAL POWER, Screw Connection, Rail Mount, Input: 1 Phase, Output: 24 V DC / 2.5 A
Primary-switched power supply unit, ESSENTIAL POWER, Screw connection, DIN rail mounting, input: 1-phase, output: 24 V DC / 2.5 A, adjustable from 24 V DC ... 28 V DC

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

Additional Product Information

Technical dataInput dataAC operation
Supply system configuration TN, TT, IT (PE)
Nominal input voltage range 100 V AC ... 240 V AC
Input voltage range 100 V AC ... 240 V AC -15 % ... +10 % (PN= 60 W)
Typical national grid voltage 120 V AC
230 V AC
Voltage type of supply voltage AC
Inrush current typ. 27 A (at 25 °C)

Inrush current integral (I2t) typ. 0.5 A2s
Frequency range (fN) 50 Hz ... 60 Hz ±10 %
Mains buffering time typ. 14 ms (120 V AC)
typ. 70 ms (230 V AC)
Current consumption max. 1.5 A
typ. 1.3 A (110 V AC (60 W))
typ. 0.75 A (240 V AC (60 W))
Protective circuit Transient protection; Varistor
Switch-on time typ. 1 s
Device mains fuse 3.15 A internal (device protection), fast-blow
Recommended breaker for input protection 6 A ... 16 A (Characteristic B, C, D, K or comparable)
Discharge current to PE < 3.5 mA
Output dataEfficiency typ. 88 % (120 V AC)
typ. 89 % (230 V AC)
Nominal output voltage 24 V DC
Setting range of the output voltage (USet) 24 V DC ... 28 V DC (> 24 V DC, constant capacity restricted)
Nominal output current (IN) max. 2.5 A
Short-circuit-proof yes
No-load proof yes
Crest factor typ. 3 (120 V AC)
typ. 4 (230 V AC)
Output power (PN) 60 W (240 V AC)
Connection in parallel yes, for increasing power and redundancy with diode
Connection in series yes, for increased output voltage
Feedback voltage resistance <= 35 V DC
Protection against overvoltage at the output (OVP) <= 35 V DC
Residual ripple typ. 30 mVPP(with nominal values)
Control deviation < 2 % (chan...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PS-EE-2G/1AC/24DC/60W/SC 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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