



## SCHNEIDER SURSA DE TENSIUNE 12V 10A MONOFAZAT OPTIMIZAT

gama de produse: Modicon Power Supply

Tip produs sau componenta: Sursa de alimentare

tip sursa de energie: Mod comutare reglata

Variant option: Optimized

material carcasa: Aluminiu

Nominal input voltage: 100...240 V c.a. o singura faza

100...240 V c.a. faza la faza

140...340 V c.c.

putere nominala in W: 120 W

tensiune de iesire: 12 V c.c.

curent de iesire sursa de alimentare: 10 A

limite pentru tensiune la intrare: 85...264 V c.a. without temperature derating

120...375 V c.c. without temperature derating

Nominal network frequency: 50...60 Hz

Network system compatibility: TN

TT

IT

curent de fuga maxim: 1 mA 240 V AC

tip de protectie intrare: Siguranta integrata (neinterschimbabila) 4 A

External protection (recommended) 20 A Curve C

External protection (recommended) 13 A Curve C

curent de varf: 30,0 A la 115 V

60,0 A la 230 V

pas de 18 mm: 0,55 at 115 V c.a.

0,45 at 230 V c.a.

eficienta: 84 % la 115 V c.a.

86 % la 230 V c.a.

Output voltage adjustment: 11...14 V

puterea disipata in W: 25 W

consum de curent: < 2.5 A 115 V AC

< 1.4 A 230 V AC

< 1.3 A 140 V c.c.

Turn-on time: < 1 s

timp de pastrare: > 20 ms 115 V c.a.

> 40 ms 230 V c.a.

Startup with capacitive loads: 8000 µF

riplu rezidual: < 120 mV

media timpului de buna functionare (MTBF): 700000 H at 25 °C, sarcin? nominal? conforming to SR 332

tip de protectie a iesirii: Protec?ie la suprasarcin? ?i scurtcircuit, protection technology: resetare automata

Against over temperature, protection technology: resetare manuala

Protec?ie la supratensiune, protection technology: resetare manuala

conexiuni - borne: Conexiune cu surub 0.5...4 mm<sup>131</sup>, (AWG 20 - AWG 12) without wire end ferrule pentru ie?ire

Conexiune cu surub 0.5...2.5 mm<sup>2</sup>, (AWG 20...AWG 14) with wire end ferrule pentru ie?ire

Conexiune cu surub 0.75...4 mm<sup>2</sup>, (AWG 18...AWG 12) without wire end ferrule pentru interior

Conexiune cu surub 0.75...4 mm<sup>2</sup>, (AWG 18...AWG 12) with wire end ferrule pentru interior

line and load regulation: < 0.5 % network 0 to 100 % load at 25 °C

< 1 % network full voltage range in line at 25 °C

stare LED: 1 LED (verde) tensiune de iesire

adancime: 117,6 mm

inaltime: 123,6 mm

latime: 40 mm

greutate neta: 0,52 kg

cuplaj de iesire: Paralel

Serial

suport de montare: Top hat type TH35-15 sina conformitate cu IEC 60715

Top hat type TH35-7.5 sina conformitate cu IEC 60715

Sina DIN cu profil dublu sina

alimentare: SELV conformitate cu IEC 60950-1

SELV conformitate cu IEC 60204-1

SELV conformitate cu IEC 60364-4-41

rigiditate dielectrica: 3000 V c.a. cu input to output izola?ie

Service life: 10 yr

categorie de supratensiune: II

standarde: IEC 62368-1

EN/IEC 61010-1

EN 61010-2-201

EN/IEC 61204-3

IEC 61000-6-1

IEC 61000-6-2

IEC 61000-6-3

IEC 61000-6-4

IEC 61000-3-2

EN 61000-3-3

UL 62368-1

UNE 20315

UL 61010-2-201

CSA C22.2 No 62368-1

CSA C22.2 No 61010-1

CSA C22.2 No 61010-2-201

certificari produs: UE

Listat cUL

Certificat cUL

RCM

Schema CB

EAC

KC

altitudinea de functionare: < 5000 m

rezistenta la socuri: 150 m/s<sup>2</sup> pentru 11 ms

grad de protectie IP: IP20

ambient air temperature for operation: -20...-10 °C cu declasarea curentului cu 2 % pe °C mounting position

A < 2000 m

-10...40 °C f?r? declasare mounting position A 115 V AC < 2000 m

-10...50 °C f?r? declasare mounting position A 230 V AC < 2000 m

40...70 °C with current derating of 1.67 % per °C mounting position A 115 V AC < 2000 m

50...70 °C with current derating of 2.5 % per °C mounting position A 230 V AC < 2000 m

clasa de protectie la electrocutare: Clasa I

Grad de poluare: 2

rezistenta la vibratii: 3 mm (f= 2...9 Hz) conforming to IEC 60068-2-6

10 m/s<sup>2</sup> (f= 9...200 Hz) conforming to IEC 60068-2-6

Electromagnetic immunity: Immunity to electrostatic discharge - test level: 9 kV (descarcare pe contact) conforming to IEC 61000-4-2

Immunity to electrostatic discharge - test level: 15 kV (descarcare in aer) conforming to IEC 61000-4-2

Immunity to conducted RF disturbances - test level: 15 V/m (80 MHz...2 GHz) conforming to IEC 61000-4-3

Immunity to conducted RF disturbances - test level: 5 V/m (2 - 2.7 GHz) conforming to IEC 61000-4-3

Immunity to conducted RF disturbances - test level: 5 V/m (2.7...6 GHz) conforming to IEC 61000-4-3

Imunitate la tranzien?i rapizi - test level: 4 kV (on input-output) conforming to IEC 61000-4-4

Test de imunitate la supratensiuni - test level: 4 kV (intre sursa de alimentare ?i p?mant) conforming to IEC 61000-4-5

Test de imunitate la supratensiuni - test level: 3 kV (between phases) conforming to IEC 61000-4-5

Immunity to conducted RF disturbances - test level: 15 V (0.15 - 80 MHz) conforming to IEC 61000-4-6

Imunitate la campuri magnetice - test level: 30 A/m (50...60 Hz) conforming to IEC 61000-4-8

Imunitate la goluri de tensiune conforming to IEC 61000-4-11

Disturbing field emission conforming to EN 55016-2-3

Limits for harmonic current emissions conforming to IEC 61000-3-2

conforming to EN 55016-1-2

conforming to EN 55016-2-1

emisie electromagnetica: Emisii conduse conformitate cu IEC 61000-6-3

Emisii radiate conformitate cu IEC 61000-6-4

Pret: 654,75 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/sursa-de-tensiune-12v-10a-monofazat-optimizat>