

PRODUCT-DETAILS

# CP-E 24/2.5

## CP-E 24/2.5 Power supply In:100-240VAC Out: 24VDC/2.5A



### Informations générales

Extension du type de produit	CP-E 24/2.5
Code de produit	1SVR427032R0000
EAN	4016779656887
Description courte	CP-E 24/2.5 Power supply In:100-240VAC Out: 24VDC/2.5A
Description longue	The CP-E 24/2.5 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 85-264 V AC and 90-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 60 W, rated output current is 2.5 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 24 to 28 V DC. The power supply provides a U/I output characteristic and allows parallel operation to enable redundancy. A further feature is the signalling output (transistor) for output voltage OK. A redundancy unit is available as accessory.

### Commande

Quantité minimum	1 pièce
Code douanier	85044095

### Popular Downloads

Fiche produit, informations techniques	2CDC114045D0201
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## Dimensions

Produit Largeur Net	40.5 mm
Produit Hauteur Net	90 mm
Produit Longueur Net	114 mm
Poids net	0.331 kg

## Emballage

Emballage Niveau 1 Largeur	132 mm
Emballage Niveau 1 Longueur	154 mm
Emballage Niveau 1 Hauteur	58 mm
Emballage Niveau 1 Poids	0.4 kg
Emballage Niveau 1 EAN	4016779656887
Emballage Niveau 1 Unités	box 1 pièce

## Technique

Fonction	Switch mode power supply
Nombre de phases	1
Rated Input Voltage ( $U_{IN}$ )	100 ... 240 V AC
Tension du secteur ( $U_{in}$ )	85 ... 264 V AC 90 ... 375 V DC
Fréquence assignée (f)	50 Hz
Rated Frequency Limits	47 ... 63 Hz
Characteristic of Output	U/I characteristic curve
Rated Output Power	60 W
Puissance de sortie	60 W
Rated Output Voltage	24 V DC
Tension de sortie ( $U_{out}$ )	24 V DC
Rated Output Current	2.5 A
Courant de sortie	2.5 A
Tension assignée de tenue aux chocs ( $U_{imp}$ )	Input Circuit / Output Circuit 4 kV Input Circuit / PE 2.5 kV Input Circuit / Relay Contact 4 kV Output Circuit / PE 0.5 kV
Tension assignée d' isolement ( $U_i$ )	Input Circuit / Output Circuit 300 V Input Circuit / PE 300 V Input Circuit / Relay Contact 300 V Output Circuit / PE 50 V
Indice de protection	Housing IP20 Terminals IP20
Degré de pollution	2

Connecting Capacity Input Circuit	Flexible with Ferrule 0.2 ... 2.5 mm <sup>2</sup> Rigid 0.2 ... 2.5 mm <sup>2</sup>
Connecting Capacity Output Circuit	Flexible with Ferrule 0.2 ... 2.5 mm <sup>2</sup> Rigid 0.2 ... 2.5 mm <sup>2</sup>
Couple de serrage	Input Circuit 0.6 N·m Output Circuit 0.6 N·m
Wire Stripping Length	Input Circuit 6 mm Output Circuit 6 mm
Recommended Screw Driver	PH1
Minimum Mounting Distance	Electrical Conductive Board, Horizontal 25 mm Electrical Conductive Board, Vertical 25 mm Other Device Same Type, Horizontal 25 mm Other Device Same Type, Vertical 25 mm
Type d'encastrement	1
Montage sur rail DIN	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Normes et standards	ANSI/ISA-12.12 CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.213 CAN/CSA C22.2 No.223 CAN/CSA C22.2 No.60950 IEC/EN 63000 IEC 60950-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 1310 UL 508 UL 60950

## Environnement

Température de l'air ambiant	Operation -40 ... +70 °C Storage -40 ... +85 °C
Altitude de fonctionnement maximale autorisée	5000 m
Statut RoHS	Following EU Directive 2011/65/EU

## Technique UL/CSA

Connecting Capacity Input Circuit UL/CSA	Rigid 24-14 AWG
Connecting Capacity Output Circuit UL/CSA	Rigid 24-14 AWG
Tightening Torque UL/CSA	Input Circuit 5 in·lb Output Circuit 5 in·lb

## Electromagnetic Compatibility

Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2	Level 4 Air Discharge 15 kV Level 4 Contact Discharge 8 kV
Radiated Electromagnetic Field Immunity acc. to IEC 61000-4-3	Level 3 10 V/m

Electrical Fast Transient (Burst Immunity) acc. to IEC 61000-4-4	Level 4 Power Supply Port Signal 4 kV
Surge Immunity acc. to IEC 61000-4-5	Level 3 Line-to-Line 2 kV Level 4 Line-to-Ground 4 kV
Conducted Disturbances Immunity acc. to IEC 61000-4-6	Level 3 10 V
Electromagnetic Compatibility (EMC)	Immunity - Class B Emission - Class B

## Certificats et Déclarations (Numéro de document)

Certificat cUL	cUL508_E174460
cUR Certificate	cUR60950_E196145 cUR1310_E313203 cUR_ANSI_E317914
Déclaration de Conformité - CE	1SVD982008-00
Declaration of Conformity - UKCA	1SVD982008-10
EAC Certificate	EAC_RU_C-DE.ME77.B.00768_20
Certificat UL	UL508_E174460
UR Certificate	UR60950_E196145 UR1310_E313203 UR_ANSI_E317914

## Classifications

Code de classification d'objet	T
ETIM 4	EC002540 - DC-power supply
ETIM 5	EC002540 - DC-power supply
ETIM 6	EC002540 - alimentation courant continu
ETIM 7	EC002540 - DC-power supply
ETIM 8	EC002540 - DC-power supply
eClass	V11.0 : 27040701
UNSPSC	39121004
E-Number (Finland)	2712838
E-Number (Sweden)	5218703

## Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Alimentation → CP-E

Produits et Systèmes Moyenne Tension → Service → Pièces détachées → Parts → All Spare Parts (Relays-SWG-CB)

