

General Information

Extended Product Type:	CP-E 24/20.0
Product ID:	1SVR427036R0000
EAN:	4016779669702
Catalog Description:	CP-E 24/20.0 Power supply In:115/230VAC Out: 24VDC/20A
Long Description:	The CP-E 24/20.0 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 90-264 V AC and 120-375 V DC, rated input voltage is 115-230 V AC. The rated output power is 480 W, rated output current is 20 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides an U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel. A redundancy unit is available as accessory.

Additional Information

Ambient Air Temperature:	Operation -40 ... +70 °C Storage -40 ... +85 °C
CCC Certificate:	CCC_2009010907324502
Country of Origin:	China (CN)
Customs Tariff Number:	85044090
Data Sheet, Technical Information:	2CDC114062D0201
Declaration of Conformity - CE:	1SVD982008-0000
Degree of Protection:	Housing IP20 Terminals IP20
E-number:	5248136
EAC Certificate:	EAC_RU_C-DE.ME77.B.01651
EAN:	4016779669702
EPLAN Catalog Tree:	Electrical engineering / Voltage source and generator / General
ETIM 4:	EC002540 - DC-power supply
ETIM 5:	EC002540 - DC-power supply
ETIM 6:	EC002540 - DC-power supply
Environmental Information:	1SAA981005-2406
Function:	Switch mode power supply
IIT Publishing Status:	Level 0 - Information enabled
Industrial IT Certification Level:	0
Input Voltage (U_n):	90 ... 264 V AC 120 ... 375 V DC
Input Voltage Type:	1
Instructions and Manuals:	1SVC427034M0000
Invoice Description:	CP-E 24/20.0 Power supply In:115/230VAC Out: 24VDC/20A
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
Minimum Order Quantity:	1 piece
Mounting Position:	Position 1
Mounting on DIN Rail:	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Number of Phases:	1
Object Classification Code:	T
Output Current:	20 A

Output Power:	480 W
Output Voltage (U_{out}):	24 V DC
Overload Protection:	Output power limitation
Overvoltage Category:	II
Package Level 1 EAN:	4016779669702
Package Level 1 Gross Weight:	2.262 kg
Package Level 1 Height:	188 mm
Package Level 1 Length:	225 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	173 mm
Pollution Degree:	2
Power Loss:	Approximately 53 W
Product Main Type:	CP-E
Product Name:	Switch Mode Power Supply
Product Net Depth:	123.6 mm
Product Net Height:	123.6 mm
Product Net Weight:	1.85 kg
Product Net Width:	175 mm
Rated Frequency Limits:	47 ... 63 Hz
Rated Insulation Voltage (U_i):	Input Circuit / Output Circuit 3 V Input Circuit / PE 2 V
Regulatory Compliance Mark (RCM):	Yes
RoHS Date:	1146
RoHS Information:	1SVD981001-4400
RoHS Status:	Following EU Directive 2011/65/EC
Selling Unit of Measure:	piece
Short Description:	CP-E 24/20.0 Power supply
Standards:	IEC/EN 60950-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508 UL 60950 ANSI/ISA-12.12 CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.213 CAN/CSA C22.2 No.60950
Terminal Type:	Screw Terminals
Tightening Torque:	Input Circuit 1 N·m Output Circuit 0.62 N·m
Tightening Torque UL/CSA:	Input Circuit 9 in·lb Output Circuit 5.5 in·lb
UL Certificate:	UL508_E174460
UNSPSC:	39121100
UR Certificate:	UR60950_E196145 UR_ANSI_E317914
Wire Stripping Length:	Input Circuit 8 mm Output Circuit 8 mm
cUL Certificate:	cUL508_E174460
cUR Certificate:	cUR60950_E196145 cUR_ANSI_E317914
eClass:	7.0 27049002
Electrostatic Discharge (ESD Immunity)	Level 4 Air Discharge 15 kV

acc. to IEC 61000-4-2:	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
Rated Output Power:	480 W
Rated Output Voltage:	24 V DC
Rated Input Voltage (U_N):	115 / 230 V AC
Connecting Capacity Output Circuit UL/CSA:	Rigid 24-10 AWG
Connecting Capacity Input Circuit UL/CSA:	Rigid 24-10 AWG
Connecting Capacity Output Circuit:	Flexible with Ferrule 0.2 ... 4 mm ² Rigid 0.2 ... 6 mm ²
Connecting Capacity Input Circuit:	Flexible with Ferrule 0.2 ... 4 mm ² Rigid 0.2 ... 6 mm ²
Rated Output Current:	20 A
Characteristic of Output:	U/I characteristic curve

