

General Information

Extended Product Type:	CP-E 48/1.25
Product ID:	1SVR427031R2000
EAN:	4016779656924
Catalog Description:	CP-E 48/1.25 Power supply In:100-240VAC Out: 48VDC/1.25A
Long Description:	The CP-E 48/1.25 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 1.25 A at an output voltage of 48 V DC. The output voltage is adjustable within a range of 48 to 55 V DC. The power supply provides a U/I output characteristic and allows parallel operation to enable redundancy.

Categories

Products » Low Voltage Products and Systems » Control Products » Power Supplies

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85044090
EAN:	4016779656924

Dimensions

Product Net Height:	90 mm
Product Net Depth:	114 mm
Product Net Weight:	0.316 kg
Product Net Width:	40.5 mm

Container Information

Package Level 1 Length:	154 mm
Package Level 1 Height:	58 mm
Package Level 1 Gross Weight:	0.386 kg
Package Level 1 Units:	1 piece
Package Level 1 Width:	132 mm

Technical

Number of Phases:	1
Rated Input Voltage (U_{IN}):	100 ... 240 V AC
Input Voltage (U_{IN}):	85 ... 264 V AC 90 ... 375 V DC
Rated Frequency Limits:	47 ... 63 Hz
Characteristic of Output:	U/I characteristic curve
Rated Output Power:	60 W
Output Power:	60 W
Rated Output Voltage:	48 V DC
Output Voltage (U_{OUT}):	48 V DC
Rated Output Current:	1.25 A
Output Current:	1.25 A
Rated Insulation Voltage (U_i):	Input Circuit / Output Circuit 3 V Input Circuit / PE 2 V
Degree of Protection:	Housing IP20 Terminals IP20
Pollution Degree:	2
Connecting Capacity Input Circuit:	Flexible with Ferrule 0.2 ... 2.5 mm ² Rigid 0.2 ... 2.5 mm ²
Connecting Capacity Output Circuit:	Flexible with Ferrule 0.2 ... 2.5 mm ² Rigid 0.2 ... 2.5 mm ²
Tightening Torque:	Input Circuit 0.6 N·m Output Circuit 0.6 N·m
Wire Stripping Length:	Input Circuit 6 mm Output Circuit 6 mm
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
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

Standards: IEC/EN 60950-1
IEC/EN 61000-6-2
IEC/EN 61000-6-3
UL 508
UL 60950
UL 1310
ANSI/ISA-12.12
CAN/CSA C22.2 No.107.1
CAN/CSA C22.2 No.213
CAN/CSA C22.2 No.60950
CAN/CSA C22.2 No.223

Function: Switch mode power supply

Environmental

Ambient Air Temperature: Operation -40 ... +70 °C
Storage -40 ... +85 °C

RoHS Status: Following EU Directive 2011/65/EC

Technical 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

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

Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2: Level 4 Air Discharge 15 kV
Level 4 Contact Discharge 8 kV

Certificates and Declarations (Document Number)

Instructions and Manuals: 1SVC427031M0000

CCC Certificate: CCC_2008010907282731

cUL Certificate: cUL508_E174460

cUR Certificate: cUR60950_E196145
cUR1310_E313203
cUR_ANSI_E317914

Data Sheet, Technical Information: 2CDC114047D0201

Declaration of Conformity - CE: 1SVD982008-0000

EAC Certificate: EAC_RU_C-DE.ME77.B.01651

GOST Certificate: GOST_POCC_CN.AB76.B00924

RoHS Information: 1SVD981001-4400

UL Certificate: UL508_E174460

UR Certificate: UR60950_E196145
UR1310_E313203
UR_ANSI_E317914

Classifications

ETIM 4: EC002540 - DC-power supply

ETIM 5: EC002540 - DC-power supply

ETIM 6: EC002540 - DC-power supply

eClass: 7.0 27049002

UNSPSC: 39121100

Object Classification Code: T

