Representative Image

Catalog No. 1SVR427056R0000

Description: CP-T 24/20.0 Power supply In: 3x400-500VAC Out: 24VDC/20.0A

UPC No 4016779662376

Home > Controls & Protective Relays > Power Supplies

CP-T 24/20.0 Power supply In: 3x400-500VAC Out: 24VDC/20.0A

Descriptors

Category	Power Supplies

Specifications

Product Main Type	CP-T
Number of phases	3
Input Voltage	3 x 340 ... 575 V AC 480 ... 820 V DC
Output Voltage	24 V DC
Output Current	20 A
Output Power	480 W
Function	Switch mode power supply
Rated Input Voltage	3x 400 ... 500 V AC
Rated Frequency Limits	47 ... 63 Hz
Characteristic of Output	U/I characterisitc curve or Hiccup-mode selectable
Rated Output Power	480 W
Rated Output Voltage	24 V DC
Rated Output Current	20 A
Rated Insulation Voltage	Input Circuit 3 V Output Circuit 3 V Input Circuit 2 V PE 2 V
Degree of Protection	Housing Terminals IP20 IP20
Pollution Degree	2
Connecting Capacity Input Circuit	Flexible with Ferrule 0.2 ... 4 mm² Rigid 0.2 ... 6 mm²
Connecting Capacity Output Circuit	Flexible with Ferrule 0.2 ... 4 mm² Rigid 0.2 ... 6 mm²
Tightening Torque	Input Circuit 1 N-m Output Circuit 0.6 N-m
Wire Stripping Length	Auxiliary Circuit 8 mm Input Circuit 8 mm Output Circuit 8 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

Specifications

Mounting on DIN Rail	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
Standards	ANSI/ISA-12.12 CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.213 CAN/CSA C22.2 No.60950 EN 50581 IEC/EN 60950-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL508 UL 60950
Ambient Air Temperature	Operation -30 ... +70 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	5000 m
RoHS Status	Following EU Directive 2011/65/EU
Connecting Capacity Input Circuit UL/CSA	Rigid 24-10 AWG
Connecting Capacity Output Circuit UL/CSA	Rigid 24-10 AWG
Tightening Torque UL/CSA	Input Circuit 9 in-lb Output Circuit 5.5 in-lb
Object Classification Code	T

Classifications

ETIM 4	EC002540 - DC-power supply
ETIM 5.0	EC002540 - DC-power supply
ETIM 6.0	EC002540 - DC-power supply
ETIM 7	EC002540 - DC-power supply

Dimensions

Product Net Width	150 mm
Product Net Height	131 mm
Product Net Depth / Length	119 mm
Product Net Weight	1.657 kg

Package Information

Package Level 1 Width	200 mm
Package Level 1 Depth / Length	190 mm
Package Level 1 Height	190 mm
Package Level 1 Gross Weight	1.922 kg
Package Level 1 EAN	4016779662376
Package Level 1 Units	1 piece

Ordering

Minimum Order Quantity	1
Customs Tariff Number	85044090
ECCN	N
ECN	N

Electromagnetic Compatibility

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-Line 4 kV
Conducted Disturbances Immunity acc. to IEC 61000-4-6	Level 3 10 V
Electromagnetic Compatibility (EMC)	Immunity - Class B Emission - Environment B