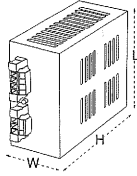


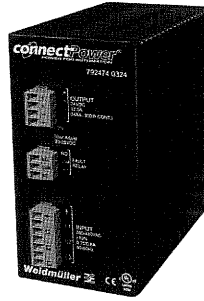
Three Phase Input Supplies – Advanced Features Products



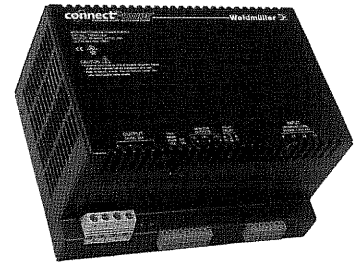
Approvals:



**CP SNT 300W 12.5A
3 Phase Input**



**CP SNT 600W 25A
3 Phase Input**



Ordering Data

Output voltage/maximum current

Technical Data

Input voltage

Input current

Input protection

Switching frequency

Output

Efficiency at maximum load

Regulation

Protection

Max. load capacitance

Hold time

Temperature

Humidity

Galvanic isolation

Wire size

Dimensions (L x W x H)

Weight

Mounts on mounting rail

Special features

Miscellaneous

Approvals/Certifications

Accessories

Type

Order No.

24 VDC / 12.5 A

Minimum

Typical

Maximum

Min Vin

Typ Vin

Max Vin

Inrush Current

Overvoltage

Thermistor

Varistor

100 kHz

24 V @ 12.5 A, 28 V @ 10.7 A

23-28 V

12.5 A

19 A

1 second

4 seconds

80%

5%

Line

Overload

Short Circuit

Overvoltage

Undervoltage

Over Temperature

Over Current

5000 µF

@380 V

@480 V

Storage

Operating

Storage

Operating

Input-output

Input to ground

Output to ground

Input

Output

I/O

170 x 160 x 82 mm (6.7 x 6.3 x 3.2 in.)

1.4 kg (3.1 lbs.)

TS 35 DIN rail or Chassis (Chassis brackets are included)

TS 35 DIN rail or Chassis (Chassis brackets are included)

Parallel operation for increased current or redundancy²⁾

Maximum 2 units

Form C contacts (1A max @ 30 VDC or 125 VAC; 10 mA min @ 5 VDC)

V_{out}

T_{out}

I_{out}

Green LED (DC on)

cULus 508 Listed, CE

Order No.

7924740324

Order No.

7920560000⁴⁾

Type

Order No.

24 VDC / 25 A

Minimum

Typical

Maximum

Min Vin

Typ Vin

Max Vin

Inrush Current

Overvoltage

Thermistor

Varistor

100 kHz

24 V

23-28 V (pot. adj.)

25 A

50 A

1 second

60 seconds

88%

± 4%

± 1%

Overcurrent shutdown with automatic restart and overvoltage protection

Auto restart

V_{out} > 30.5 VDC

V_{out} < 20 VDC

V_{out} heatsink temperature > 100°C (212°F)

26.5A typical @24 V for >1 second

10,000 µF

12 ms typ (full output current after loss of input)

18 ms typ (full output current after loss of input)

Storage

Operating

Storage

Operating

Input-output

Input to ground

Output to ground

Input

Output

I/O

173 x 238 x 135 mm (6.8 x 9.4 x 5.3 in.)

3.1 kg (6.75 lbs.)

TS 35 DIN rail or Chassis (Chassis brackets are included)

TS 35 DIN rail or Chassis (Chassis brackets are included)

Fan cooled with temp. controlled fan speed¹⁾

Maximum 2 units²⁾

No maximum³⁾

Form C contacts (1A @ 30 VDC or 30 VAC)

0...10 VDC = 0...30 VDC

0...10 V = 0°C...+100°C (+32°F...+212°F) (internal temperature)

0...10 V = 0...50 A

Green LED (DC on)

cULus 508 Listed, CE

Order No.

7920560000

Order No.

7920560000

1) This allows for horizontal or vertical mounting without derating.

2) The output voltages of each power supply should be adjusted to within 100mV. Use similar sizes and length of cables to connect the output of each power supply to the load. Consult factory for increased current capacity.

3) No limit to the number of units connected in parallel for redundancy.

4) Order 2 mounting kits for power supply shown above.