

Alimentations à découpage SPS

1000 W

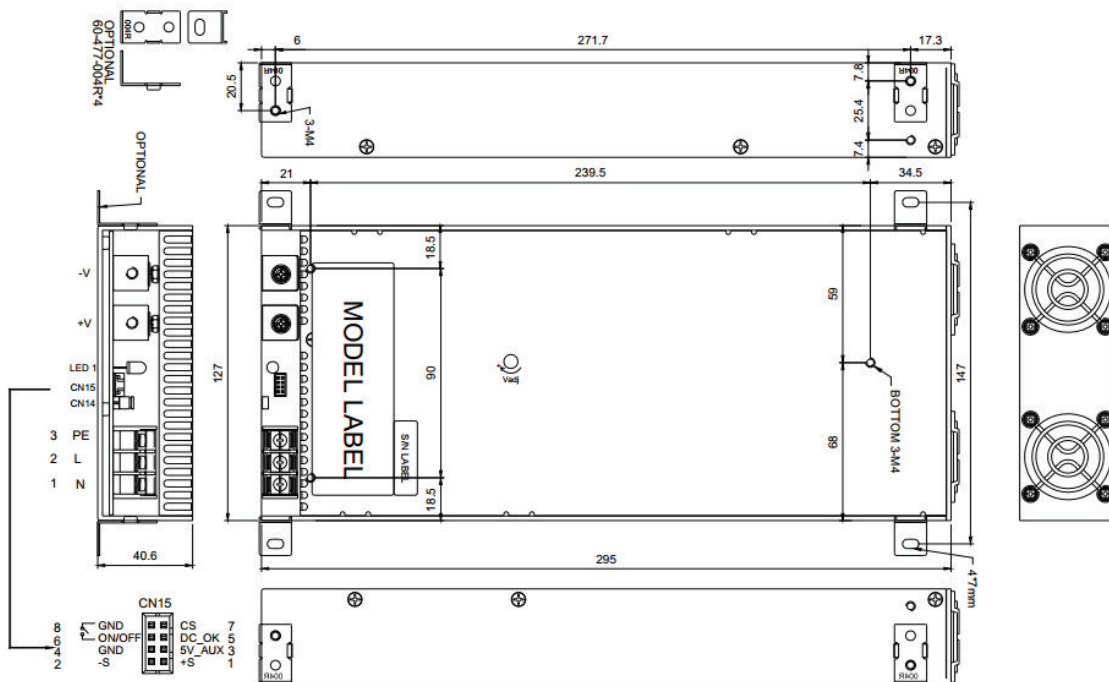


- Avec filtre EMV intégré
- 100% Burn In
- Protection courts-circuits, surcharges et surtensions
- Tension d'entrée
90 – 264 VAC / 127 – 375 VDC
- Facteur de correction (PFC)
- Montage parallèle 3 + 1 à 4 kW



No. d'article	Type	Tension de sortie	Courant de sortie	Tolérance	Rendement	Ripple	Prix / CHF 1 pièce
2 081 078	SPS-1000P-12	12.0 VDC	63.00 A	+/- 1%	83%	150 mV	330.-
2 081 079	SPS-1000P-24	24.0 VDC	40.00 A	+/- 1%	87%	150 mV	330.-
2 081 080	SPS-1000P-36	36.0 VDC	27.80 A	+/- 1%	87%	240 mV	330.-
2 081 081	SPS-1000P-48	48.0 VDC	21.00 A	+/- 1%	88%	240 mV	330.-

Dimensions



Catégorie: 5A



Spécifications

Les spécifications suivantes sont valables pour des valeurs nominales, pleines charges et 25°C

Spécifications d'entrée

Tension d'entrée	90 – 264 VAC /127 – 375 VDC Entrée universelle
Plage de fréquence	47 – 63 Hz
Courant nominale	< 13 A à 100 VAC
Courant d'enclenchement	< 50 A à 115 VAC < 90 A à 230 VAC
Courant de fuite	< 1.5 mA à 264 VAC
Facteur de puissance	PF > 0.93

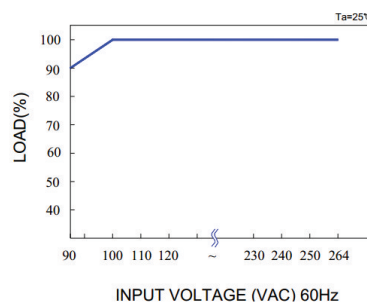
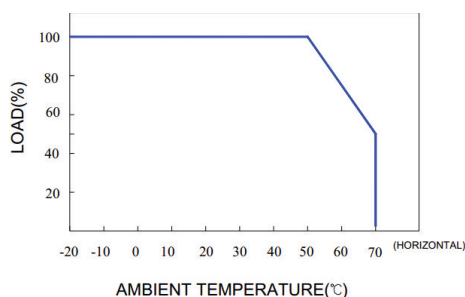
Spécifications de sortie

Plage de réglage	+/- 10%
Protection surcharges	105% – 125%
Protection surtensions	115% – 140%
Protection température élevée	95°C +/- 5°C
Remote sensing	(RS+, RS-)
Power Good Signal TTL Signal:	0 – 1 V = Power Off 3.3 – 5.6 V = Power ON

Spécifications générales

Température de travail	-20 à +70°C
Derating	+50°C à +70°C 2.5% /°C
Température de stockage	-20°C à +85°C
Sécurité	UL 60950-1 2 nd , CSA C22.2 No. 60950-1-07 2 nd , TUV EN 60950-1: 2006+A11 +A1+A12, IEC 60950-1: 2005+A1, approved
EMC-Standard	EMI: EN 55022 Class B, FCC CFR 47 Part 15 Class B, CNS 13438 Class B, EN 61000-3-3, EN 61000-3-2 Class D EMS: EN 55024 EN 61000-4-2,3,4,5,6,8,11
Temps de pontage	> 15 ms à 230 VAC
Rise	< 80 ms
Tension d'isolation	I/P – O/P 3.0 KVAC I/P – PE 1.5 KVAC O/P – PE 0.5 KVAC
Résistance d'isolation	I/P – O/P, I/P – PE, O/P – PE > 100 M Ohm / 500 VDC
MTBF	122.5 Khrs
Réfrigération	Ventilateur intégré
Montage	Montage type chassis
Dimensions	295 x 127 x 40.6 mm
Poids	1.9 kg

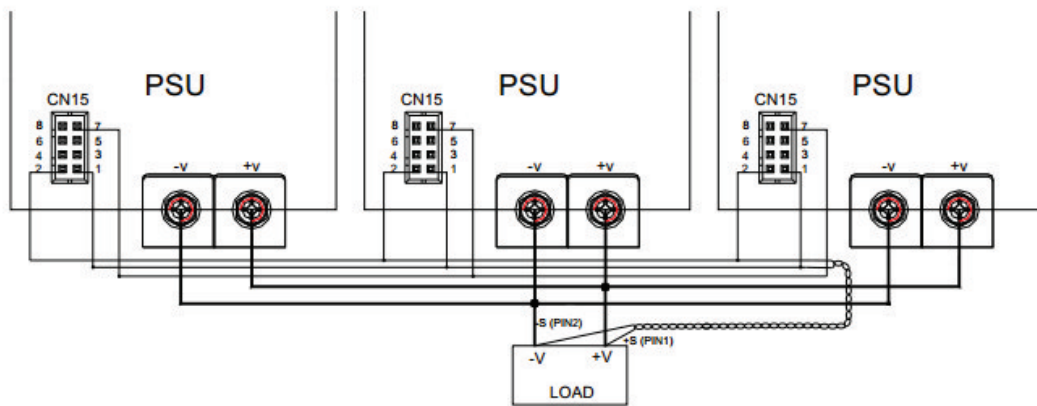
Derating



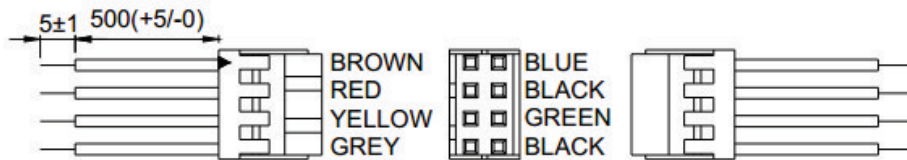
Current sharing with remote sensing

- ❶ Parallel operation is available by **+S**、**-S**、**CS** are connected mutually in parallel.
- ❷ Difference of output voltages among parallel units should be less than **100 mV**.
- ❸ In parallel operation 4 units is the maximum, please consult the manufacturer for applications of more connecting in parallel.
- ❹ The power supplies should be paralleled using short and large diameter wiring and then connected to the load.
- ❺ Each output could work within **max load** but must under total **output Max**.

$$(\text{Total output Max. at parallel operating}) = (\text{max load per units}) \times (\text{Number of units}) \times 0.9$$
- ❻ In parallel connection, maybe only one unit (master) operate if the total **output Max.** is less than 10% of **max load** condition.
 The other PSUs (slaves) may go into standby mode and their output LEDs will not turn on.



CN15 WIRE CONNECTOR DIAGRAM (Optional, for parallel use)



WIRE CONNECTOR DIAGRAM

NOTE :

1. HOUSING : HRS DF11-8DP-2DS OR COMPATIBLE.
(94V-0 P: 2.0 ,BLACK)
- TERMINAL : HRS DF-11-SC SERIES OR COMPATIBLE.
2. WIRE : UL 1007 26AWG
3. TIN PLATED
4. UNIT : mm.

Remote control ON/OFF

- ❶ Remove the CN14 jumper
- ❷ Power ON : connect between on/off (PIN6) and GND(PIN8), Power OFF : open between on/off (PIN6) and GND(PIN8), on CN15

