

Alimentations à découpage SPS

750 W

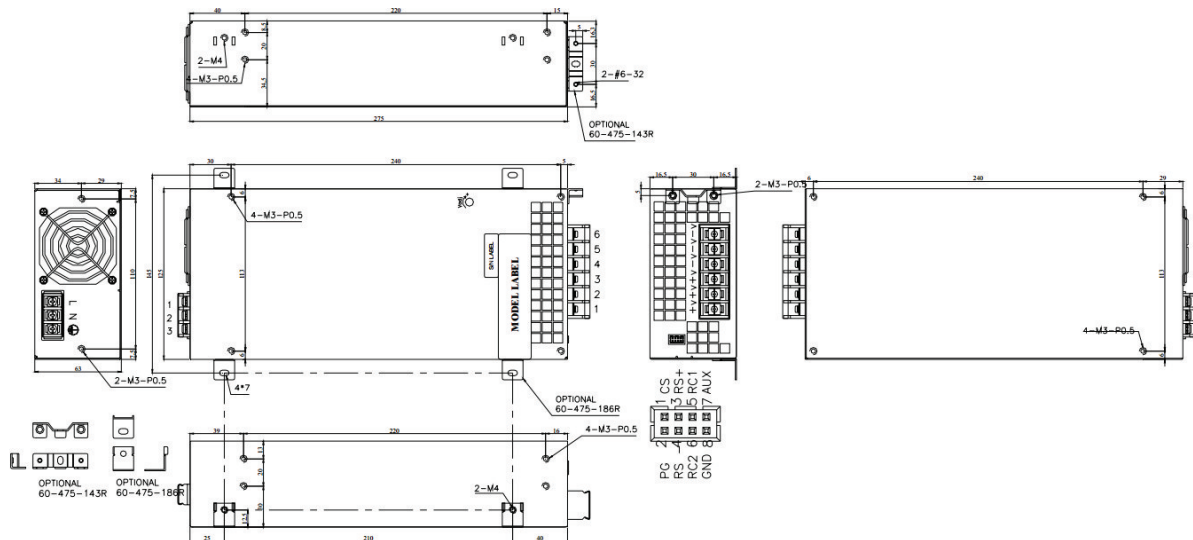


- Avec filtre EMV intégré
- 100% Burn In
- Protection courts-circuits, surcharges et surtensions
- Tension d'entrée
90 – 264 VAC / 127 – 375 VDC
- Facteur de correction (PFC)
- Montage parallèle 2 + 1 à 2250 W



| No. d'article | Type | Tension de sortie | Courant de sortie | Tolérance | Rendement | Ripple | Prix / CHF 1 pièce |
|---------------|-------------|-------------------|-------------------|-----------|-----------|--------|--------------------|
| 2 081 110 | SPS-750P-05 | 5.0 VDC | 120.00 A | +/- 2% | 80% | 120 mV | 255.- |
| 2 081 111 | SPS-750P-12 | 12.0 VDC | 62.50 A | +/- 1% | 88% | 120 mV | 255.- |
| 2 081 112 | SPS-750P-15 | 15.0 VDC | 50.00 A | +/- 1% | 88% | 120 mV | 255.- |
| 2 081 113 | SPS-750P-24 | 24.0 VDC | 31.30 A | +/- 1% | 88% | 200 mV | 255.- |
| 2 081 114 | SPS-750P-30 | 30.0 VDC | 25.00 A | +/- 1% | 89% | 200 mV | 255.- |
| 2 081 115 | SPS-750P-36 | 36.0 VDC | 21.00 A | +/- 1% | 89% | 220 mV | 255.- |
| 2 080 116 | SPS-750P-48 | 48.0 VDC | 15.80 A | +/- 1% | 90% | 240 mV | 255.- |

Dimensions



Catégorie: 5A



Spécifications

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

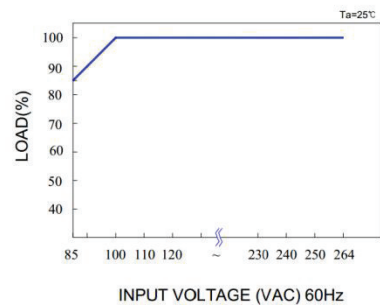
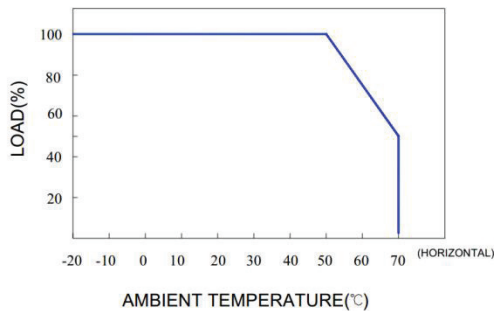
| Spécifications d'entrée | |
|--------------------------|---|
| Tension d'entrée | 90 – 264 VAC /127 – 375 VDC Entrée universelle |
| Plage de fréquence | 47 – 63 Hz |
| Courant nominal d'entrée | < 9.8 A à 100 VAC |
| Courant d'enclenchement | < 50 A à 115 VAC < 90 A à 230 VAC |
| Courant de fuite | < 1.5 mA à 264 VAC |
| Facteur de puissance | PF > 0.95 |

| Spécifications de sortie | |
|-------------------------------|---|
| Plage de réglage | +/- 10% |
| Protection surcharges | 105% – 135% Constant current limiting |
| Protection surtensions | 115% – 140% |
| Protection température élevée | 95°C +/- 5°C |
| Remote sensing | (RS+, RS-) |
| Power Good Signal | high level TTL signal |
| Puissance auxiliaire | 12 V / 0.1 A (seulement pour Remote control ON/OFF) |

| Spécifications générales | |
|--------------------------|--|
| Température de travail | -20 à +70°C |
| Derating | +50°C à +70°C 2.5% /°C |
| Température de stockage | -40°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, 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 départ | < 1.5 s à 230 VAC |
| Temps de pontage | > 16 ms à 230 VAC |
| Rise | < 40 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 | 107 Khrs |
| Réfrigération | Ventilateur intégré |
| Montage | Montage type chassis |
| Dimensions | 275 x 125 x 63 mm |
| Poids | 2.5 kg |

Derating

Output De-rating Vs. Input Voltage



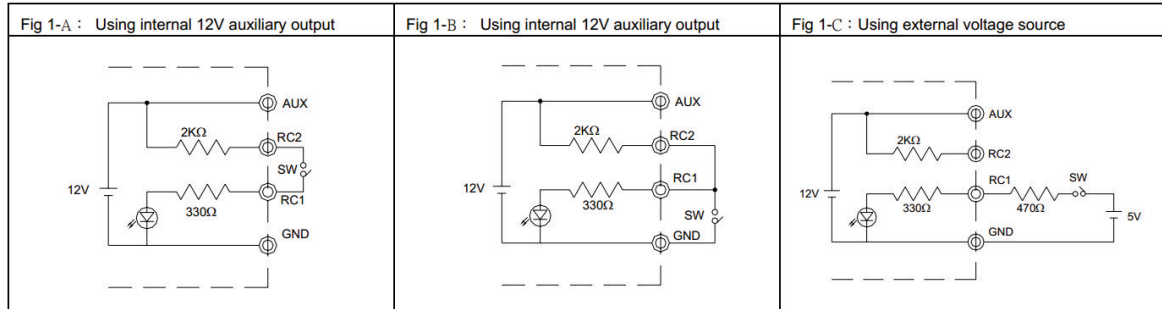
Remote control ON/OFF

- 1 Remote control ON/OFF becomes available by applying voltage in CN3
- 2 Table A shows the specification of remote control ON/OFF function
- 3 Fig 1 shows the example to connect remote control ON/OFF function

Table A : Specification of remote control ON/OFF

| Connection Method | | Fig 1-A | Fig 1-B | Fig 1-C |
|-------------------|------------|----------|----------|----------|
| SW Logic | Output ON | SW Open | SW Close | SW Open |
| | Output OFF | SW Close | SW Open | SW Close |

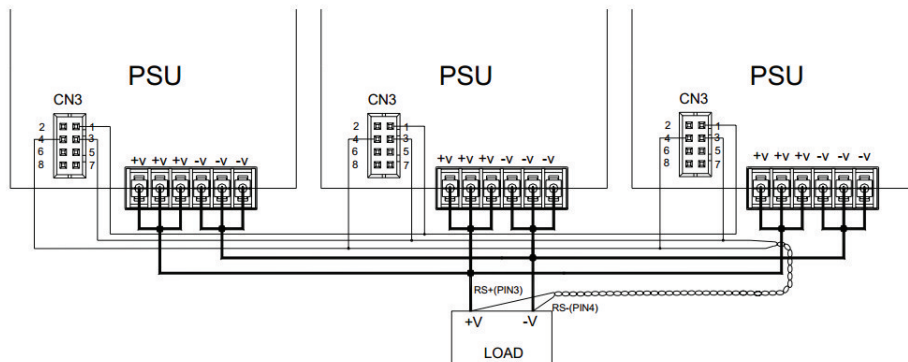
Fig 1 Examples of connecting remote control ON/OFF



Division du courant avec commande à senser

- 1 Parallel operation is available by RS+ and RS- are connected mutually in parallel.
- 2 Difference of output voltages among parallel units should be less than 100 mV.
- 3 In parallel operation 3 units is the maximum, please consult the manufacturer for applications of more connecting in parallel.
- 4 The power supplies should be paralleled using short and large diameter wiring and then connected to the load.
- 5 Each output could work within **max load** but must under total **output Max.**

$$(\text{Total output Max. at parallel operating}) = (\text{max load per units}) \times (\text{Number of units}) \times 0.9$$
- 6 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.



Power good signal

| Function | Description | Output |
|-------------------|---|--------|
| Power good signal | The signal is "High" when the power supply is above 20% of the rated output voltage, Power OK | High |
| | The signal turns to be "Low" when the power supply is Under 20% of the rated output voltage, Power Fail | Low |

