

Switch-mode power supplies

Connect power 1-phase ECOLINE

CP SNT 70W 24V 3A

CP SNT 120W 24V 5A



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Technical data

Input

| | |
|---------------|----------------------------------|
| Input voltage | 85...264 Vac; 120...370 Vdc |
| Input current | 2.0 A @ 115 Vac; 1.2 A @ 230 Vac |
| Frequency | 50/ 60 Hz |

Output

| | |
|---|---|
| Output voltage | 24...28 Vdc adjustable |
| Output current | 3 A |
| Max. output power | 72W |
| Residual ripple | 150 mVss |
| Overload protection | I _{out} : 105%...150% I _{const.} for 3s.; I _{out} > 150% off |
| Overvoltage protection | 29...34V |
| Mains failure bridge-over time at 115 Vac | 10ms |
| Mains failure bridge-over time at 230 Vac | 60ms |
| Control at 10...100% load | 1% |
| Possibility of parallel connection | Yes, with diode module |

Insulation coordination

| | |
|---------------------------------|----------|
| Galvanic isolation output-earth | 0.5kV AC |
| Galvanic isolation input-earth | 1.5kV AC |
| Galvanic isolation input-output | 3kV AC |

General data

| | |
|-------------------------|---|
| Operation temperature | 0...50°C @ 100%; -10°C @ 80%; 60°C @ 60% |
| Storage temperature | -20 °C...+85 °C |
| Degree of efficiency | 80% |
| Status display | LED green |
| Standards | EN 60950 |
| EMC standards | EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3 |
| Power factor correction | No |
| Approvals | UL/UR / CE / UL/LIST |

| | | |
|--|-----------------|-----------------------|
| Clamping range (rating- / min. / max.) | mm ² | 4 / 0.10 / 4 |
| Length x width x height | mm | 125.2 x 125.2 x 100.0 |

Information

Ordering data

| Type | Qty. | Order No. | Type | Qty. | Order No. |
|-------------------|------|------------|--------------------|------|------------|
| CP SNT 70W 24V 3A | 1 | 8708660000 | CP SNT 120W 24V 5A | 1 | 8708670000 |
| | | | | | |

Information

Accessories

| | | |
|-------------|---|---|
| Information | Connect in parallel with diode module: 8710620000 | Connect in parallel with diode module: 8710620000 |
|-------------|---|---|

