



## TÁPEGYSÉG 1 FÁZIS, 12VDC DIMENSION C SZÉRIA

12-15 V DC, 30 A

CPS20.121  
PSU 100-240V ac I/P 12V dc 30A 405W O/P

- Kimeneti áramerősség 30 A
- 92.5%-os hatásfok
- 65 mm széles
- Aktív PFC
- Hiccup Plus

# PULS



### TERMÉKLEÍRÁS

## MŰSZAKI ADATOK

Active Transient	Igen
Clamp type	Csavar
DC relay output	Igen
Efficiency At 120 V AC, full load. Typical	91,4 %
Efficiency At 230 V AC, full load. Typical	92,6 %
Efficiency At 230 V AC. Typical	91,6 %
Fázisok száma	1
Hold-up time at 120 V AC, full load. Typical.	35 ms
Hold-up time at 230 V AC, full load. Typical.	35 ms
Input current at 230 V ac typical	7 A
Input voltage AC	100-240 V
Input voltage ac max	264 V AC
Input voltage ac min	85 V AC
Input voltage range	Wide-range
Inrush current at 120 V ac typical	9 A
IP-osztály	IP20

Jóváhagyások	ABS, ATEX, CB, CE, CSA US, cRUus, cULus, GL, IECEx
Lifetime at 120 V ac, full load and +40 ° C	50000 h
Lifetime at 230 V ac, full load and +40 ° C	54000 h
Magasság	124 mm
Mélység	127 mm
MTBF (IEC 61709) 230 V AC, Maximum Load, 40 ° C	554000 h
Output Current	30 A
Output voltage	12 V DC
Output voltage max	15 V DC
Output voltage min	12 V DC
Power Consumption At 120 V AC	3,3 A
Power Consumption At 230 V AC	1,8 A
Power Factor at 120 V AC, full load. Typical	0,99
Power Factor at 230 V AC, full load. Typical	0,95
Power Reduction Of 60 To 70 ° C	0,75 W/°C
Ripple. max	100 mV pp
Series	Dimension C
Supply Frequency	50-60 ±6 %
Szélesség	65 mm
Teljesítmény	360 W
Temperature Range Without Derating From	-25 °C
Temperature Range Without Derating To	60 °C
Tömeg	1 kg
Védőanyag	Alumínium

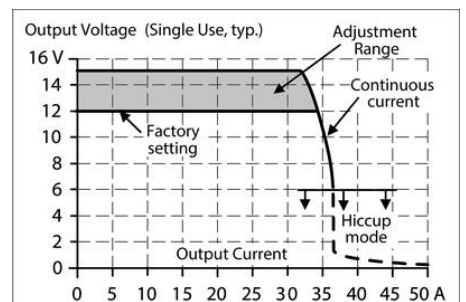
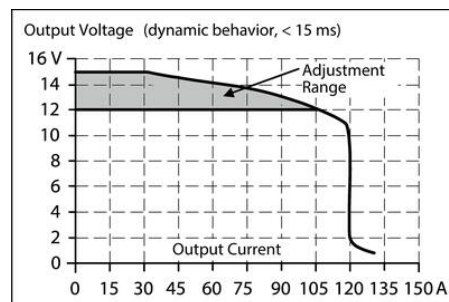
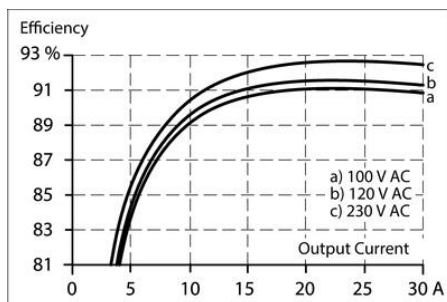


Fig. 15-1 Output current vs. ambient temp.

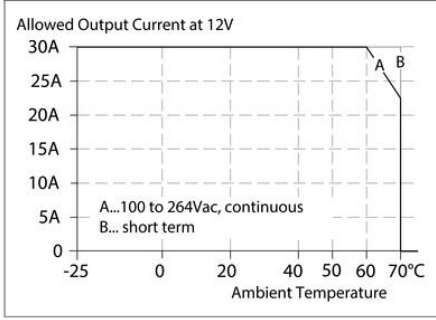
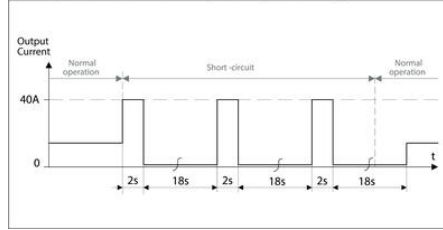


Fig. 6-3 Short-circuit on output, Hiccup<sup>PLUS</sup> mode, typ.



Maximal wire length<sup>\*)</sup> for a fast (magnetic) tripping:

	0.75mm <sup>2</sup>	1.0mm <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>
C-3A	9m	12m	18m	26m
C-4A	7m	10m	14m	22m
C-6A	4m	6m	10m	14m
C-8A	3m	5m	8m	12m
C-10A	3m	4m	7m	10m
B-6A	8m	11m	14m	24m
B-10A	5m	7m	10m	17m
B-13A	4m	6m	9m	14m
B-16A	3m	5m	7m	11m

\*) Don't forget to consider twice the distance to the load (or cable length) when calculating the total wire length (+ and - wire).

Fig. 9-2 Losses vs. output current at 12V, typ.

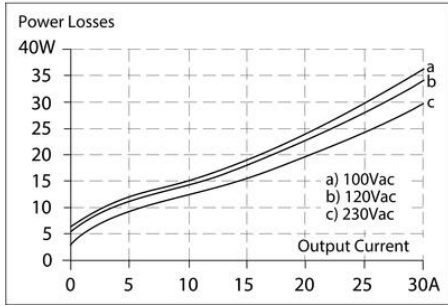


Fig. 13-1 Front side



Fig. 20-1 Front view

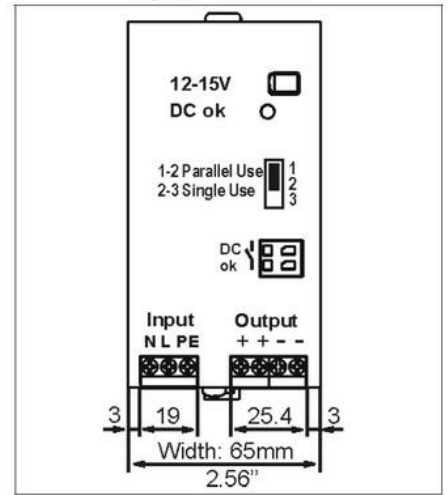
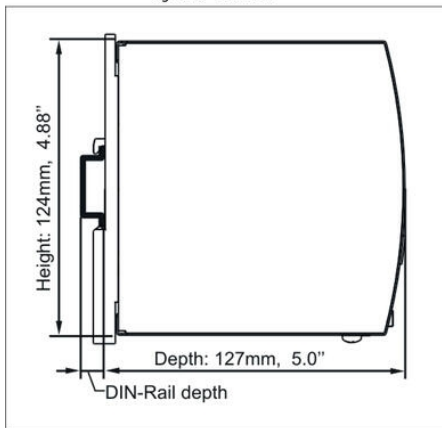
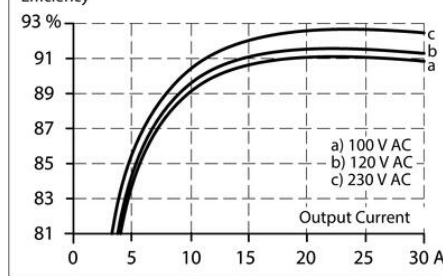


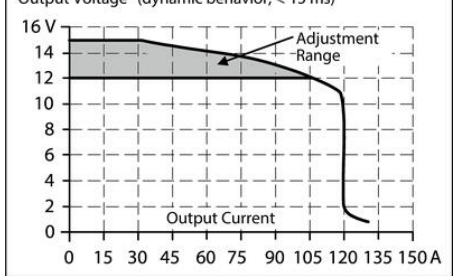
Fig. 20-2 Side view



Efficiency



Output Voltage (dynamic behavior, < 15 ms)



Output Voltage (Single Use, typ.)

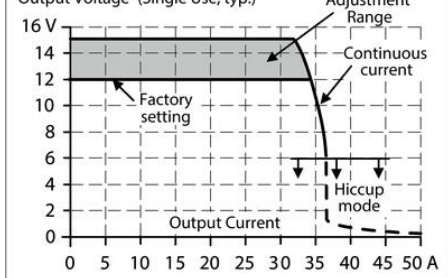


Fig. 15-1 Output current vs. ambient temp.

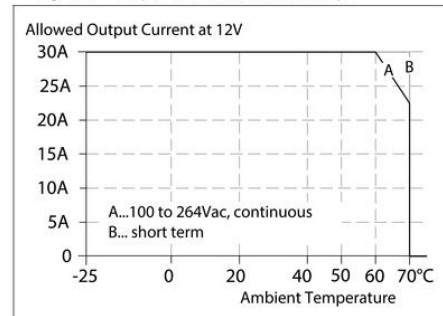
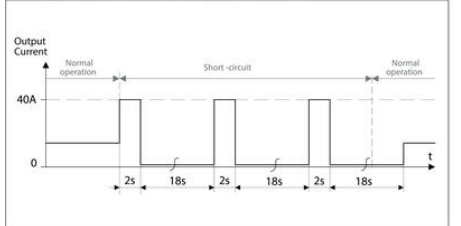


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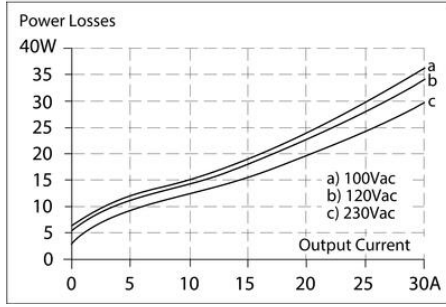


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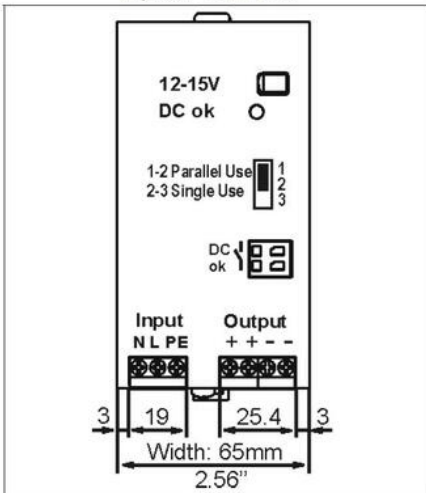


Fig. 20-2 Side view

