

**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

**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                                          |

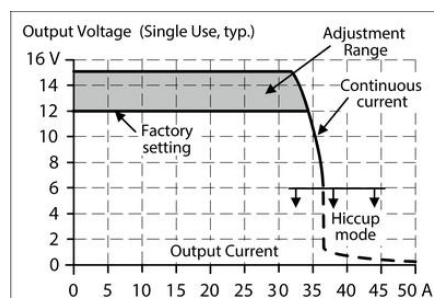
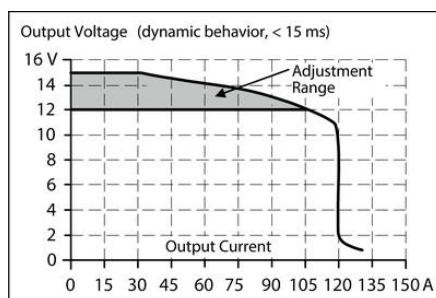
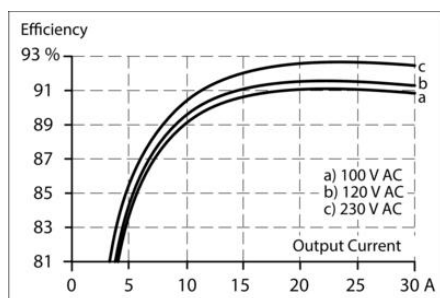


Fig. 15-1 Output current vs. ambient temp.

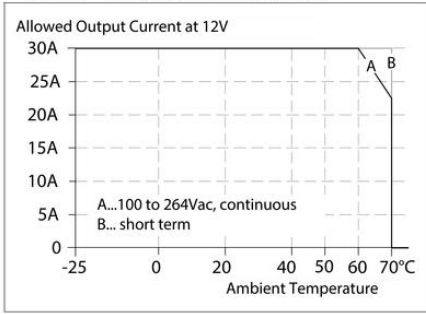
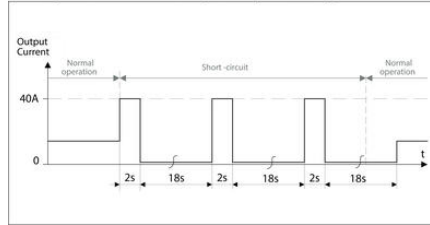


Fig. 6-3 Short-circuit on output, Hiccup<sup>PLUS</sup> mode, typ.



Maximal wire length<sup>1)</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                |

<sup>1)</sup> 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.

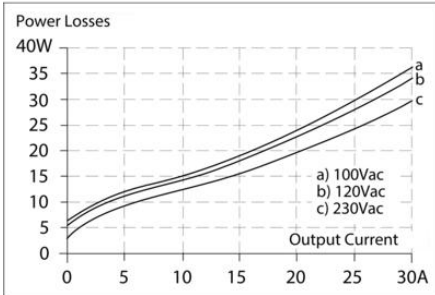


Fig. 13-1 Front side

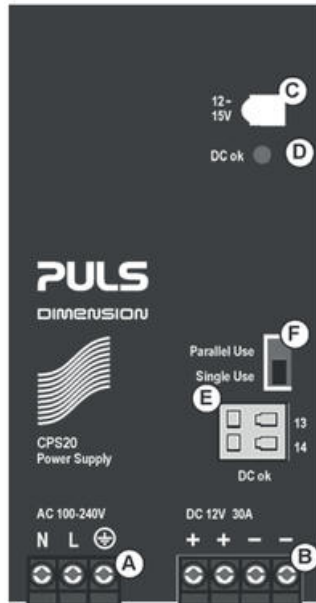


Fig. 20-1 Front view

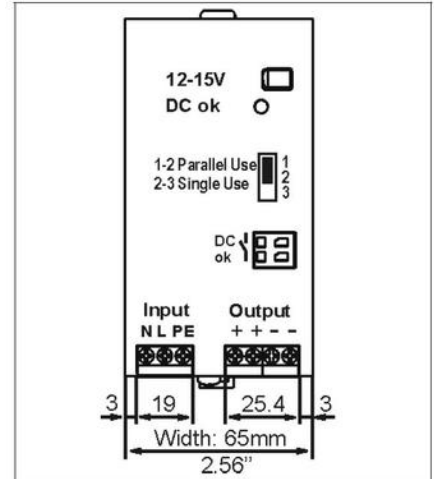


Fig. 20-2 Side view

