

**DIMENSION DC/DC KONVERTER**

110/24,5 V DC, 16,3 A

CPS20.241-60  
PSU 110V dc I/P 24.5V dc 16.3A 400W O/P Railway  
Compliant

- 65 mm széles
- 93,7 %-os hatásfok
- EN 50155 vasúti alkalmazásokra vonatkozó szabvány szerint
- Beépített redundancia (Leválasztó MOSFET a kimeneten)
- Conformal bevonatos elektronikai áramköri lap

**TERMÉKLEÍRÁS****MŰSZAKI ADATOK**

<b>Bekapcsolási túláram</b>	Typ. 6 A @ 110 V DC
<b>Clamp type</b>	Spring-clamp
<b>Conformal coated</b>	Igen
<b>DC relay output</b>	Igen
<b>Efficiency</b>	93,7 %
<b>Élettartam</b>	151000 h @ 16,3 A, 40 °C
<b>Input voltage DC</b>	110 V
<b>Input voltage dc max</b>	154 V DC
<b>Input voltage dc min</b>	77 V DC
<b>IP-osztály</b>	IP20
<b>Jóváhagyások</b>	CE, EN 50155
<b>Keep time</b>	Typ. 35 ms @ 16,3 A
<b>Magasság</b>	124 mm
<b>Max entrance tripple</b>	15 V pp
<b>Mélység</b>	127 mm
<b>MTBF (IEC 61709)</b>	571000 h @ 16,3 A, 40 °C

Output Current	16,3 A
Output voltage	24,5 V DC
Output voltage max	24,5 V DC
Output voltage min	24,5 V DC
Ripple. max	70 mV pp
Series	Dimension C
Start-Up Delay	900 ms
Szélesség	65 mm
Teljesítmény	400 W
Temperature Range Without Derating From	-40 °C
Temperature Range Without Derating To	70 °C
Tömeg	0,98 kg
Védőanyag	Alumínium

Fig. 6-1 Output voltage vs. output current, typ.

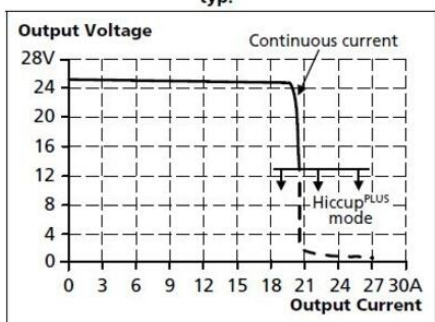


Fig. 15-1 Output current vs. ambient temp.

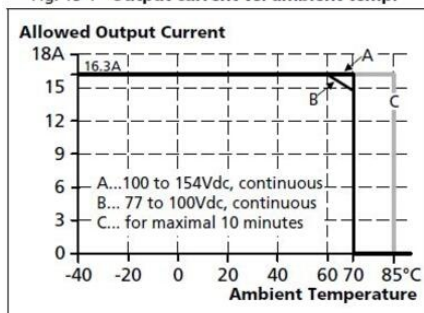


Fig. 9-1 Efficiency vs. output current, typ

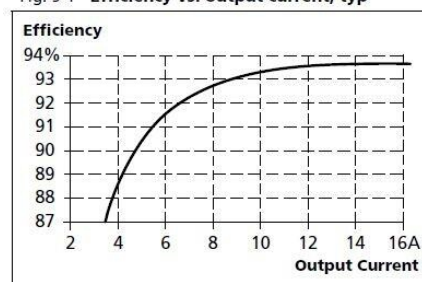


Fig. 6-2 Short-circuit on output, HiccupPLUS mode, typ.

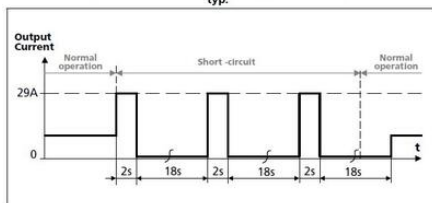
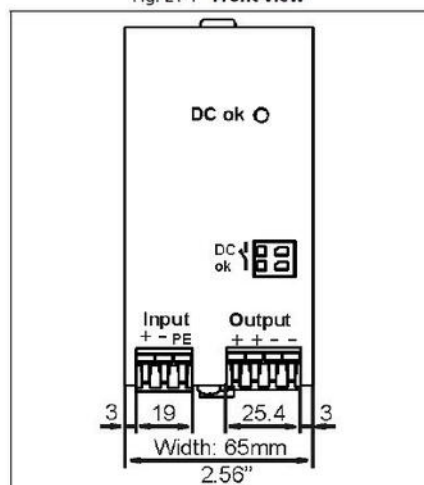


Fig. 13-1 Front side



Fig. 21-1 Front view



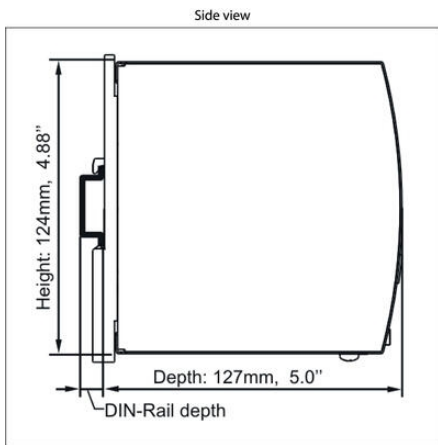


Fig. 6-1 Output voltage vs. output current, typ.

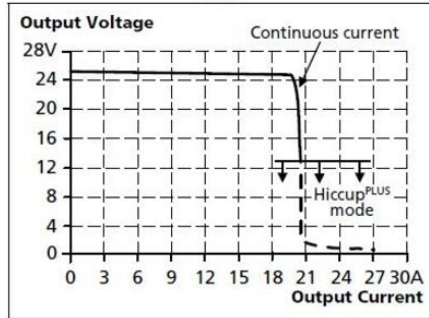


Fig. 15-1 Output current vs. ambient temp.

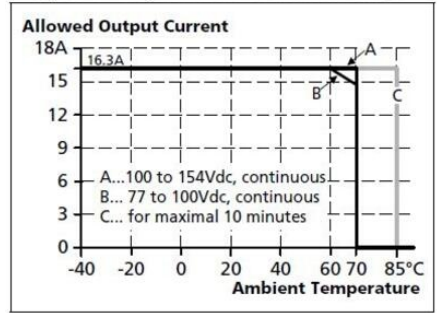


Fig. 9-1 Efficiency vs. output current, typ

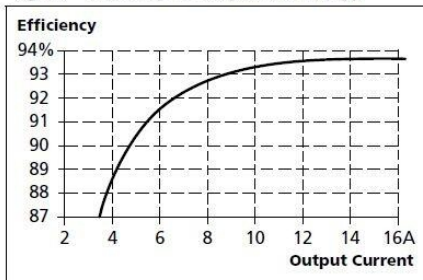


Fig. 6-2 Short-circuit on output, Hiccup<sup>PLUS</sup> mode, typ.

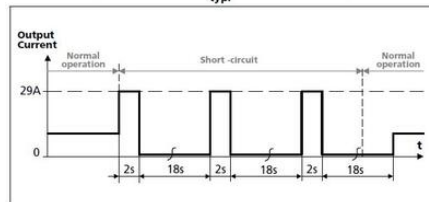
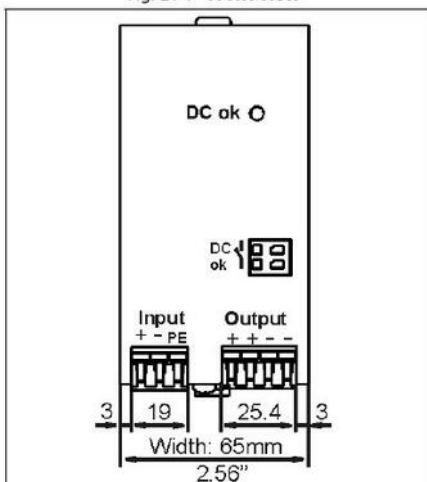


Fig. 13-1 Front side



Fig. 21-1 Front view



Side view

