



TÁPEGYSÉG 3 FÁZIS, 36 VDC DIMENSION X SZÉRIA

36 V DC, 26,6 A, félig szabályozott

XT40.361

- 96mm széles
- 95,5%-os hatásfok
- 125 % teljesítménynövelés
- Alkalmos motorok táplálásához

PULS



TERMÉKLEÍRÁS

MŰSZAKI ADATOK

Active Transient	Igen
Efficiency At 400 V AC, full load. Typical	95,5 %
Hold-up time at 400 V AC, full load. Typical.	3 ms
Input voltage AC	400 V
Input voltage ac max	440 V AC
Input voltage ac min	360 V AC
Inrush current at 400 V ac typical	4 A
IP-osztály	IP20
Jóváhagyások	CB, CE, CSA, UL
Magasság	124 mm
Mélység	159 mm
MTBF (IEC 61709) 400 V ac, max loan, +40 °C	529000 h
Output Current	26,6 A
Output voltage	36 V DC
Output voltage max	36 V DC
Output voltage min	36 V DC

Power consumption at 400 V ac	1,65 A
Power Factor at 400 V AC, full load. Typical	0,93
Power Reduction Of 60 To 70 ° C	24 W/°C
Ripple. max	250 mV pp
Series	Dimension X
Supply Frequency	50-60 ±6 %
Szélesség	96 mm
Teljesítmény	960 W
Temperature Range Without Derating From	-25 °C
Temperature Range Without Derating To	60 °C
Tömeg	1,4 kg
Védőanyag	Alumínium

Fig. 5-1 Output voltage vs. input voltage and input current

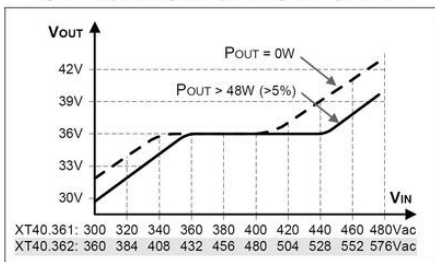


Fig. 7-1 Output voltage vs. output current, typ.

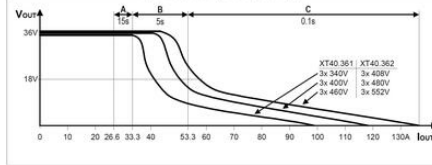


Fig. 15-1 Output current vs. ambient temp., Allowed Output Current

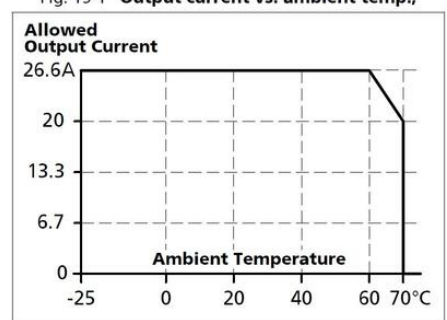


Fig. 9-1 Efficiency vs. output current

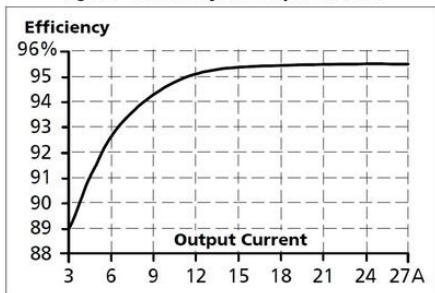
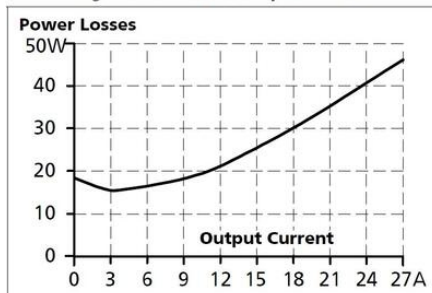


Fig. 9-2 Losses vs. output current

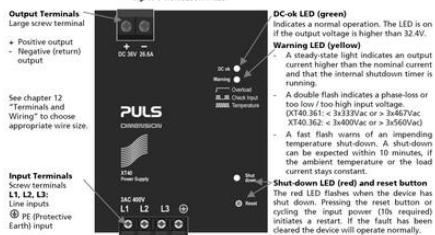


25. COMPARISON BETWEEN THE XT40, A TRANSFORMER AND A TRADITIONAL SWITCHED-MODE POWER SUPPLY

	XT40 Semi-regulated power supply	Traditional switched-mode power supply	Transformer power supply
Input voltage range	+	**	-
Inrush current surge	**	+	-
Hold-up time	-	+	-
Phase-loss operation	-	+	-
Efficiency	***	**	-
Output voltage regulation	+	**	-
Output adjustment range	-	**	-
Ripple & noise voltage	-	**	-
Error diagnostics	**	**	-
Harmonic distortion (PF)	+	+	-
EMC	**	**	+
Ease of installation	**	**	-
Size	***	**	-
Weight	***	+	-

***, very, very good **, very good +, good -, poor

Fig. 11-1 Front side of XT40.361



DC OK LED (green)
Indicates a normal operation. The LED is on if the output voltage is higher than 32.4V.

Warning LED (yellow)
A steady-state light indicates an output current higher than the nominal current and that the internal shutdown timer is running.

- A double flash indicates a phase-loss or too low / too high input voltage. (XT40.361: < 3x33V/40V or > 3x48V/54V; XT40.362: < 3x48V/54V or > 3x55V/66V)
- A fast flash warns of an impending temperature shut-down. A shut-down can be expected within 10 minutes, if the ambient temperature or the load current stays constant.

Shut-down LED (red) and reset button
The red LED flashes when the device has shut down. Pressing the reset button or cycling the input power (10s required) initiates a restart. If the fault has been cleared the device will operate normally.

Output Terminals
Large screw terminal
+ Positive output
- Negative (return) output

See chapter 12 "Terminals and Wiring" to choose appropriate wire size.

Input Terminals
Screw terminals
L1, L2, L3: Line inputs
PE (Protective Earth) input

Fig. 22-1 Front view

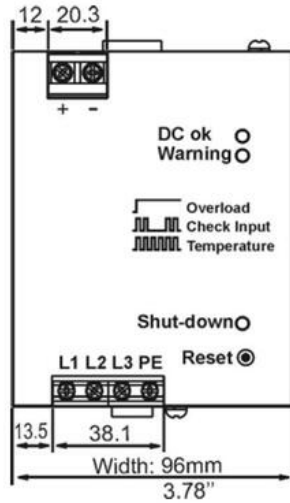


Fig. 22-2 Side view

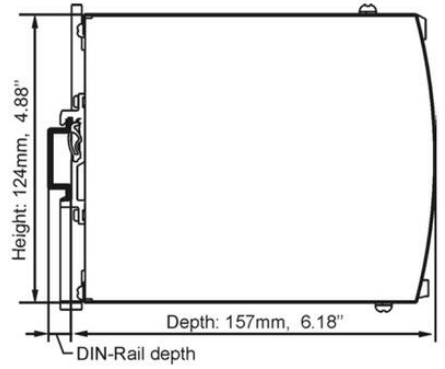


Fig. 5-1 Output voltage vs. input voltage and input current

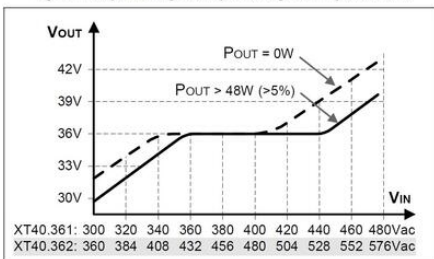


Fig. 7-1 Output voltage vs. output current, typ.

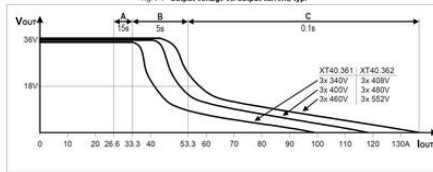


Fig. 15-1 Output current vs. ambient temp.,

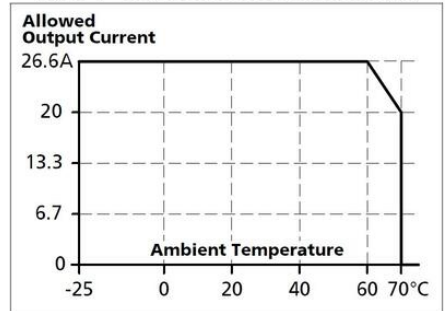


Fig. 9-1 Efficiency vs. output current

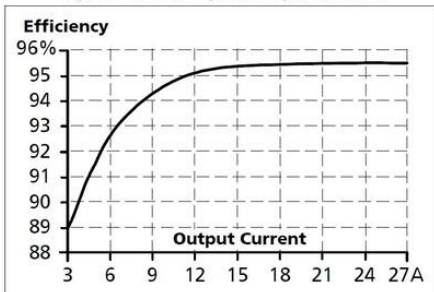
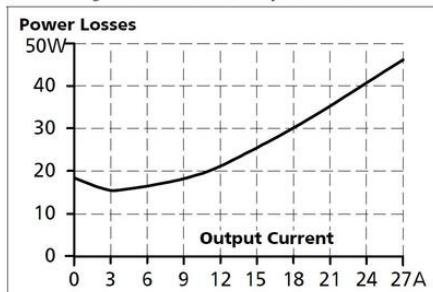


Fig. 9-2 Losses vs. output current



25. COMPARISON BETWEEN THE XT40, A TRANSFORMER AND A TRADITIONAL SWITCHED-MODE POWER SUPPLY

	XT40 Semi-regulated power supply	Traditional switched-mode power supply	Transformer power supply
Input voltage range	-	**	-
Inrush current surge	**	+	-
Hold-up time	-	+	-
Phase-loss operation	-	+	-
Efficiency	***	**	-
Output voltage regulation	+	**	-
Output adjustment range	-	**	-
Ripple & noise voltage	-	**	-
Error diagnostics	**	**	-
Harmonic distortion (PFC)	+	+	-
EMC	**	**	+
Ease of installation	**	**	-
Size	***	**	-
Weight	***	+	-

*** .very, very good ** .very good + .good - .poor

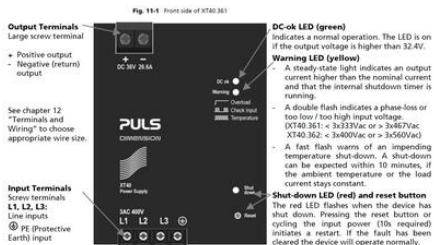


Fig. 22-1 Front view

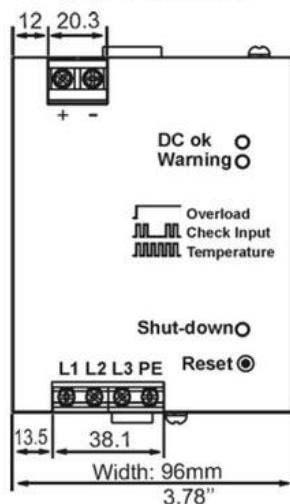


Fig. 22-2 Side view

