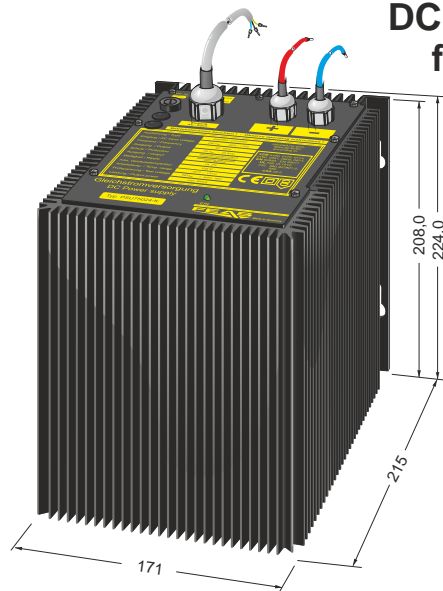
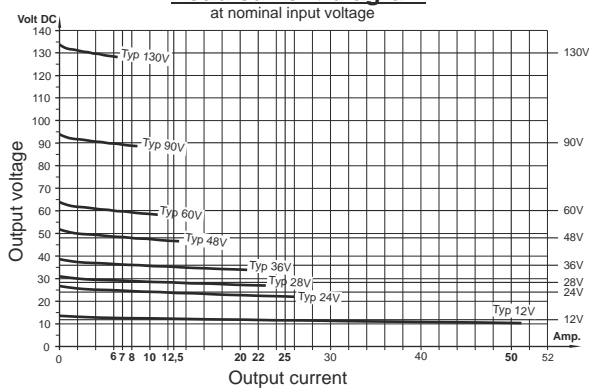


DC power supply unregulated for 230VAC input voltage type PSU750-K



- Output separated according to VDE 0551
- Extra low safety potential PELV (EN 60204), SELV (EN 60950), **except PSU750130-K**
- Parallel connection possible
- Suitable for the tropics - Epoxy resin casted
- Operating status shown by LED
- Safety acc. to VDE, EN, UL, CSA
- Normal cable length approx. 1,0m longer cables possible

Load current diagram



Technical data

Input data		
Input voltage AC	230VAC	45 - 66 Hz
Input voltage tolerance	-20% to +15%	
Input current at nominal load	at 230VAC max. 3,8A	
Protective circuit	-	
Hold-up time	20 mSek. typ.	

Output data	
Output voltage $U_{Nominal}$	see table below
Output current $I_{Nominal}$	see table below
Current limiting	-
Residual ripple (100Hz)	< 2%

Control data	
Control deviation load	-
Control deviation supply	-
Control time	-

Operating data	
Duty circle	100%
Operating temperature range	-30°C to +70°C
Derating	-
Storage temperature range	-30°C...+105°C
Cooling	selfcooling recommended respective distance 15mm each

Safety devices	
Fuse for input	10,0A delayed, integrated into the device
Fuse for output	in dependency of nominal output current
Overload protection	-
MTBF	>400.000 h

Safety data	
Test voltage transformer	5 kVacc in accordance to VDE 0551
High voltage resistance	Primary circuit - secondary circuit 3,75 kVacc acc. to VDE 0806 / IEC 380
Degree of EMI suppresion	< K acc. to VDE 0875 and VDE 0877
Protection class	Class 1 with PE-Connection (EN 60950)
Extra low safety potential	PELV (EN60204), SELV (EN 60950)
Ambient humidity	95% relative humidity, yearly average dewing allowed for use in tropical ambient
Protective class enclosure	IP 65
Protective class terminals	-
Vibration proof	>30g at 33Hz in X,Y and Z, acc. to IEC 60068-2-27

Applied construction regulations	
according to VDE	VDE 0100, 0110, 0113, 0551, 0160/W2, 0806
IEC	IEC 60950, IEC61000-6-1-2, IEC60068-2-3 IEC 60068-2-11-52, IEC 60529, IEC 380
EN	EN60950, EN50082-1 EN61000-6-1-2, EN50178, EN50204, EN61558-2-17 EN60204, EN60529, EN61000-4-2-3-4-5-6-8-11 EN60068-1, EN60068-2-1-2-3-6-27-30 EN45501, EN50021
CSA / UL	CSA-C 22.2 / UL60950, UL508, UL1950

Mechanics	
Mounting	wall mounting with screws

Nominal output voltage	12,0Vdc	24,0Vdc	28,0Vdc	36,0Vdc	48,0Vdc	60,0Vdc	90,0Vdc	110,0Vdc	130,0Vdc
Input voltage	230VAC	230VAC	230VAC	230VAC	230VAC	230VAC	230VAC	230VAC	230VAC
Type	PSU 75012-K	PSU 75024-K	PSU 75028-K	PSU 75036-K	PSU 75048-K	PSU 75060-K	PSU 75090-K	PSU 750110-K	PSU 750130-K
Nominal output current	50,0Amp.	25,0Amp.	22,0Amp.	20,0Amp.	12,5Amp.	10,0Amp.	8,0Amp.	7,0Amp.	6,0Amp.
Power	600Watt	600Watt	616Watt	720Watt	600Watt	600Watt	720Watt	770Watt	780Watt
Efficiency	90%	90%	90%	90%	90%	90%	90%	90%	90%
Dimensions (W x H x D)	171x224x215	171x224x215	171x224x215	171x224x215	171x224x215	171x224x215	171x224x215	171x224x215	171x224x215
Weight	approx. 17,25kg	approx. 17,25kg	approx. 17,25kg	approx. 17,25kg	approx. 17,25kg	approx. 17,25kg	approx. 17,25kg	approx. 17,25kg	approx. 17,25kg
Order-No.	583312	583324	583328	583336	583348	583360	583390	5833110	5833130