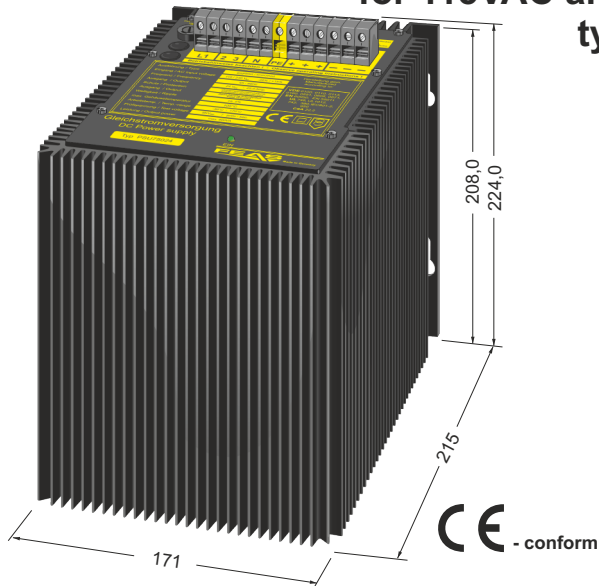


DC power supply unregulated for 115VAC and 230VAC input voltage type PSU750



Technical data

Input data		
Input voltage AC	115VAC / 230VAC	45 - 66 Hz
Input voltage tolerance	-20% to +15%	
Input current at nominal load	at 115VAC max. 7.6A, 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	at 115VAC 20.0A delayed, at 230VAC 10.0A delayed
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 suppression	< 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	IP 20 (VGB4)
Vibration proof	>30g at 33Hz in X,Y and Z, acc. to IEC 60068-2-27

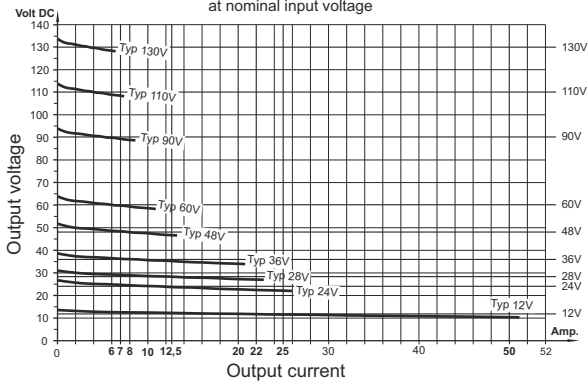
Applied construction regulations	
according to VDE	VDE 0100, 0110, 0113, 0551, 0160/W2, 0806
IEC	IEC 60950, IEC61000-6-1-2, IEC60068-2-3
	IEC 60068-2-11-52, IEC 60529, IEC 380
EN	EN60950, EN50082-1
	EN61000-6-1-2, EN50178,
	EN50204, EN61558-2-17
	EN60204, EN60529, EN61000-4-2-3-4-5-6-8-11
	EN60068-1, 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

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

Load current diagram

at nominal input voltage



Nominal output voltage	...	90.0V _{dc}	110.0V _{dc}	130.0V _{dc}	220.0V _{dc}
Range of adjustment output voltage		-	-	-	-
Type		PSU75090	PSU750110	PSU750130	PSU750220
Nominal output current		8.0Amp.	7.0Amp.	6.0Amp.	4.0Amp.
Power		720Watt	770Watt	780Watt	800Watt
Efficiency		90%	90%	90%	90%
Dimensions (W x H x D)		171x224x215	171x224x215	171x224x215	171x224x215
Weight		approx. 17.3kg	approx. 17.3kg	approx. 17.3kg	approx. 17.3kg
Order-No.		582090	5820110	5820130	5820220