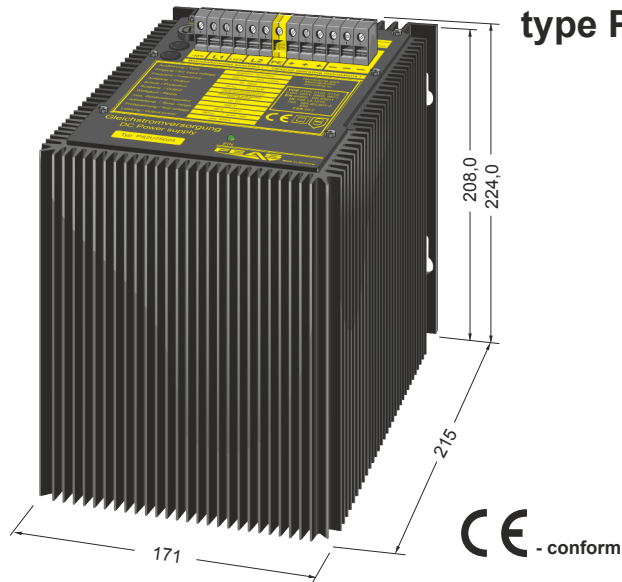


DC power supply unregulated for 400VAC input voltage type PS2U750



Technical data

Input data		
Input voltage AC	400VAC	45 - 66 Hz
Input voltage tolerance	-20% to +15%	
Input current at nominal load	at 400VAC max. 2,2A	
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	8,0A delayed, integrated into the device
Fuse for output	in dependency of nominal output current
Overload protection	-
MTBF	>400.000 h

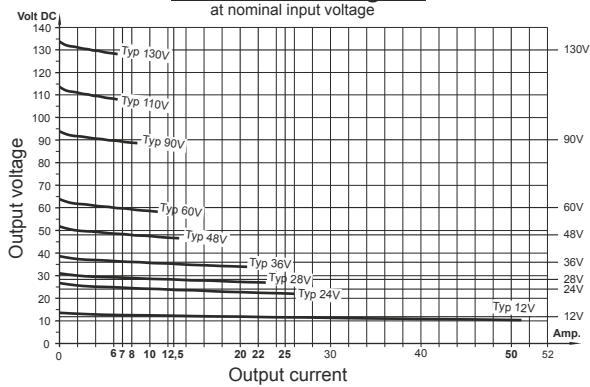
Safety data	
Test voltage transformer	5 kVacc in accordance to VDE 0551
High voltage resistance	Primary circuit - secondary circuit 3,75 kVacc acc. to VDE 0806 / IEC 380
Degree of EMI suppresion	< K acc. to VDE 0875 and VDE 0877
Protection class	Class 1 with PE-Connection (EN62368)
Extra low safety potential	PELV (EN60204), SELV (EN62368)
Ambient humidity	95% relative humidity, yearly average dewing allowed for use in tropical ambient
Protective class enclosure	IP 65
Protective class terminals	IP 20 (BGV A3))
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	IEC62368-1, IEC61000-6-1-2, IEC60068-2-3
	IEC 60068-2-11-52, IEC 60529, IEC 380
EN	EN62368, 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 (EN60204), SELV (EN62368), **except PS2U750130**
- 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



Nominal output voltage	12,0V _{DC}	24,0V _{DC}	28,0V _{DC}	36,0V _{DC}	48,0V _{DC}	60,0V _{DC}	90,0V _{DC}	110,0V _{DC}	130,0V _{DC}
Range of adjustment output voltage	-10% and +10%	-10% and +10%	-10% and +10%	-10% and +10%	-10% and +10%	-10% and +10%	-10% and +10%	-10% and +10%	-10% and +10%
Type	PS2U 75012	PS2U 75024	PS2U 75028	PS2U 75036	PS2U 75048	PS2U 75060	PS2U 75090	PS2U 750110	PS2U 750130
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. 17.0kg	approx. 17.0kg	approx. 17.0kg	approx. 17.0kg	approx. 17.0kg	approx. 17.0kg	approx. 17.0kg	approx. 17.0kg	approx. 17.0kg
Order-No.	583912	583924	583928	583936	583948	583960	583990	5839110	5839130