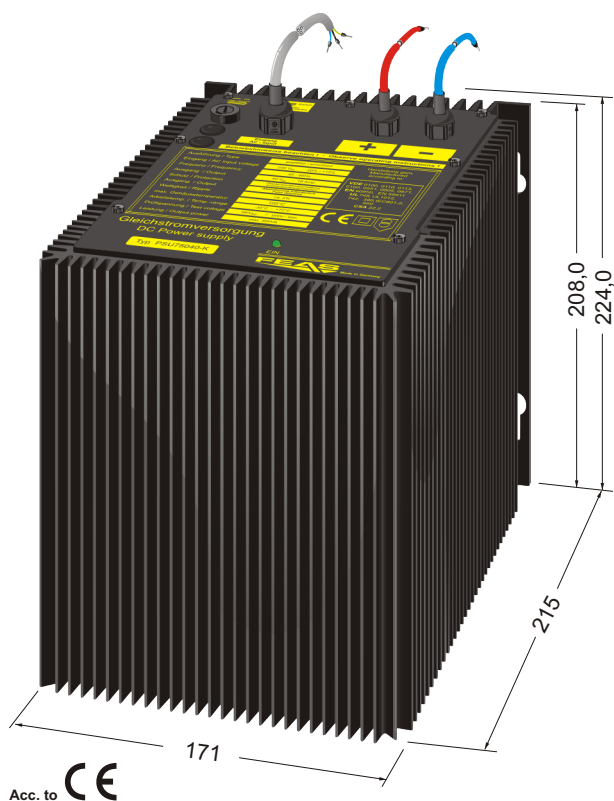


Unregulated power supply PSU75040-K (230 Volt input voltage)



Technical data

General data

Product domination	unregulated power supply
Type	PSU75040-K (230 Volts)
FEAS order number	583340
Productfunction	DC power supply
Installation altitude	unlimited
State indicator	LED grün
Overtemperature indicator	- - -

Input data

Input voltage	230V _{AC}
Frequency	45 - 66Hz
Input voltage tolerance	-20% to +15%
Input current	max. 3,8A without inrush
Consumption	max. 800VA

Output data

Output voltage U _{Normal}	40V _{DC}
Rang of adjustment	- - -
Output current I _{Normal}	max. 18A
Current limiting	- - -
Residual ripple (100Hz)	< 2%

Operating data

Duty cycle	100% (continuous duty)
Operating temperature range	-30°C to +70°C
Temperature coefficient	< 500ppm / K
Storage temperature range	-30°C to 105°C
Efficiency	approx. 90%
Derating	- - -
Cooling	selfcooling recommended respective distance 15mm each

Safety devices

Fuse recommended for input	10A, delayed (integrated into device)
Output fuse	In dependency to the output current
Overload protection	- - -
Hold-up time	20 ms typ.
MTBF	> 400000h

Safety data

Test voltage transformer	5kV _{AC} according to VDE0551
High voltage resistance	Input/Output 3,75kV _{AC} acc. to VDE0806/IEC380
Air gaps and leakage path	Primary circuit/secondary circuit >8mm according to VDE0110
Degree of EMI suppresion	< K acc. to VDE0875 and VDE0877
Protection class	Class 1 with PE-Connection (EN60950)
Ambient humidity	95% rel. humidity, yearly average dewing allowed - for use in tropical ambient
Protective class enclosure	IP65
Protective class terminals	- - -
Vibration proof	>30g at 33Hz in X, Y and Z acc. to IEC68 and DIN41640

Applied construction regulations

VDE	VDE0100, VDE0110, VDE0113, VDE0551, VDE0160/W2, VDE0806
IEC	IEC380, IEC60950, IEC61000-6-1-2
EN	En60950, EN50082-1, EN61000-6-1-2
CSA/UL	CSA-C 22.2 / UI60950, UI508, UL1950

Mechanics

Mounting	Wall mounting with screws
Dimensions (W x H x D)	171mm x 224mm x 103mm
Weight	approx. 17.2kg

Notes / Comments

Standard length of the connection cable is about 1.0 m. On customers request, they can be assembled even longer.

