

ENCASED TRANSFORMERS FOR ELECTRIC TOOLS

PFN

Purpose:

PFN transformers, as separation portable devices, are dedicated for powering electric tools or other similar appliances for constant or intermittent work.

Technical data:

Rated voltage PRI: 230V 50Hz
 Rated voltage SEC: 230V
 Rated power for intermittent work 33%: P33 - see table below
 Rated power for constant work: Pn - see table below
 Ambient temperature: ta25°C
 Insulation class: II lub II+PE (with the continuity of protection circuit)
 Protection grade: IP44
 Manufactured in compliance with: PN-EN 61558-1:2009, PN-EN 61558-2-4:2009

Transformer construction:

- solid metal IP44 housing
- 2,2m powering cable with 250/16A* plug
- output 250V/16A IP44* socket
- thermal protection fuse on primary winding with a button (fuse current according to table)
- winding thermal insulation class F (155 C)

*2 or 3 contact plugs and sockets mounted in standard. Other performances on customers request.



Drawing 1



Drawing 2

Type	Insulation class	P33 [VA]	Imax [A]	Pn [VA]	In [A]	Fuse current[A]	Weight [kg]	Dimensions [mm]
PFN 2400/1500	II	2400	11	1500	6,5	12	20,0	Drawing1
PFN2401/1501	II+PE	2400	11	1500	6,5	12	20,0	Drawing1
PFN3500/2300	II	3500	15	2300	10,0	16	26,0	Drawing1
PFN3501/2301	II+PE	3500	15	2300	10,0	16	26,0	Drawing1
PFN4200/2800	II	4200	18	2800	12,0	25	33,6	Drawing2
PFN4201/2801	II+PE	4200	18	2800	12,0	25	33,6	Drawing2

The example of 33% intermittent work:
 Multiple cycles - 5min of work and 10min of break.

Type	Art. No.:	Notices
PFN 2400/1500 230/230V	16152-9988	1 socket SEC
PFN 2400/1500 230/230V 3GN		3 sockets SEC
PFN 2401/1501 230/230V	16152-9989	1 socket SEC
PFN 2401/1501 230/230V 3GN		3 sockets SEC
PFN 3500/2300 230/230V	16152-9987	1 socket SEC
PFN 3500/2300 230/230V 3GN		3 sockets SEC
PFN 3501/2301 230/230V	16152-9986	1 socket SEC
PFN 3501/2301 230/230V 3GN		3 sockets SEC
PFN 4200/2800 230/230V 3GN	16152-9983	3 sockets SEC
PFN 4201/2801 230/230V 3GN	16152-9984	3 sockets SEC

Because of the constant development of product construction and changes concerning technical requirements, Breve-Tufvassons Company reserves the right to change the parameters mentioned above.