## ENCASED TRANSFORMERS FOR ELECTRIC TOOLS



## 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

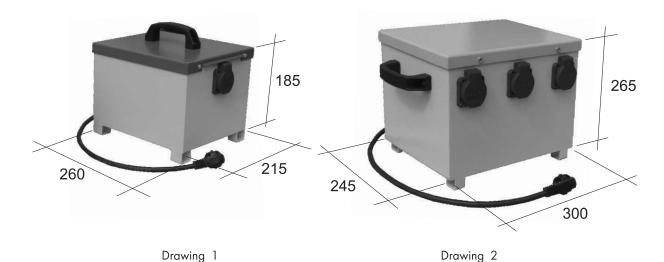
## <u>Transformer construction:</u>

- solid metal IP44 housing
- 2,2m powering cable witch 250/16A\* plug
- output 250V/16A IP44\*
- 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 custommers request.



Туре	Insulation	P33	lmax	Pn	ln	Fuse	Weight	Dimensions
	class	[VA]	[A]	[VA]	[A]	current[A]	[kg]	[mm]
PFN 2400/1500	11	2400	11	1500	6,5	12	20,0	Drawing 1
PFN2401/1501	II+PE	2400	11	1500	6,5	12	20,0	Drawing1
PFN3500/2300	11	3500	15	2300	10,0	16	26,0	Drawing 1
PFN3501/2301	II+PE	3500	15	2300	10,0	16	26,0	Drawing 1
PFN4200/2800	11	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.

Туре	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