

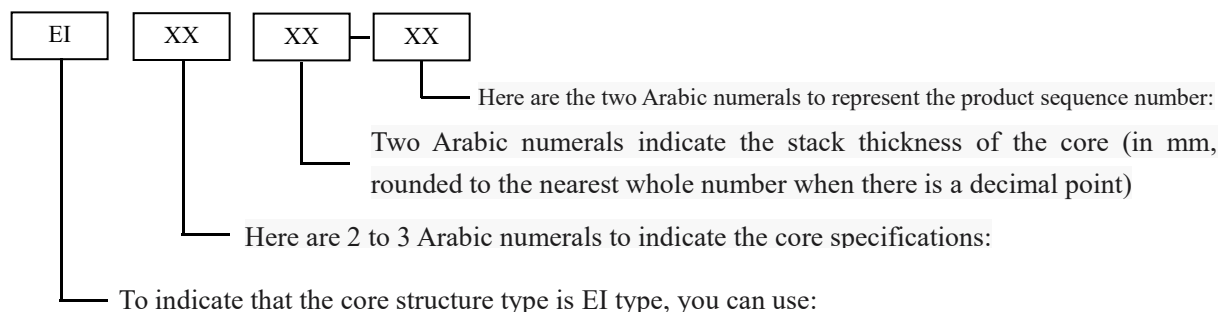
Economical Series EI Type Power Transformer

LI021V1/1998

1. Features:

- ①The iron core adopts the international series standard iron core specifications ;
- ②The iron core is punched by a large professional processing factory. Iron core material, stamping quality and supply are guaranteed ;
- ③Production tooling can be in line with international standards , suitable for mass production;
- ④The structural changes are diversified and the product prices are low .

2. Model Naming Rule:



3. Specifications :

The economic series EI type transformer produced by our company has 18 specifications from EI3515 to EI13370 for users to choose; power coverage is 1 to 560W; input and output characteristics can be customized according to user requirements; The user requested to add a plug.

4. Structure :

The economical series EI transformers produced by our company are divided into three types in terms of structure: drawer frame frame clip type installation, I-shaped frame frame clip type installation and I-shaped frame bent foot type installation. If the installation size,

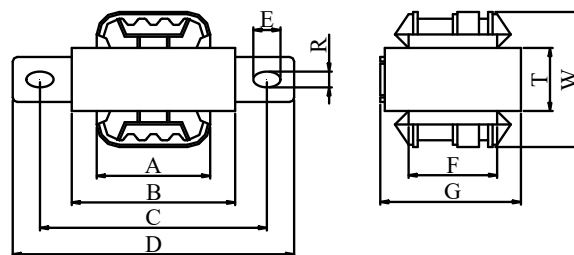


Fig. 1: External drawing of the drawer skeleton frame clip mounted transformer

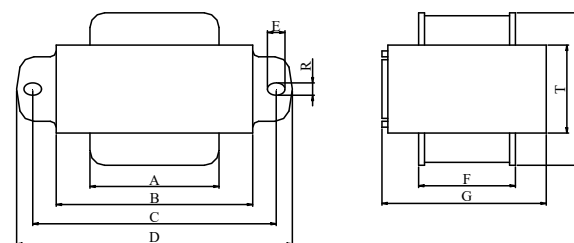


Fig. 2: External drawing of the I-beam skeleton frame clip mounted transformer

installation method or When the external dimensions cannot meet the user's requirements, it can be customized according to the user's requirements.

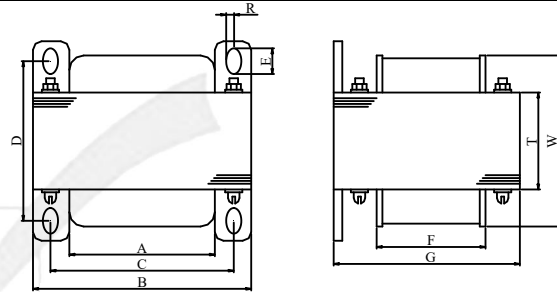


Fig. 3: External drawing of the I-beam skeleton bent leg mounted transformer

5. Outline Drawing (see Figure 1, Figure 1, and Figure 3 on the right) :

6. Appearance and Installation Dimensions : (tolerance ± 1)(mm)³

SN	Specification	Drawing No.	A	B	C	D.	E.	R	f	G	T	W
1	EI3513	Figure 1	25	36	50	62	6	3.5	19.5	31	14	30
2	EI4117		29	42	57	67	8.5	4.2	21	34	18	35
3	EI4120		29	42	57	67	8.5	4.2	21	34	21	38
4	EI4820		32	49	60	71	6	4.2	24	42	21	38
5	EI4824		32	49	60	71	6	4.2	24	42	25	42
6	EI5420		36	55	68	80	6	4.2	27	46	22	40
7	EI5720		38	58	71	85	7	4.2	28.5	49	22	45
8	EI5725		38	58	71	85	7	4.2	28.5	49	27	50
9	EI5730		38	58	71	85	7	4.2	28.5	49	32	55
10	EI6628	Figure 2	44	67	83	94	6	4.2	33	56	30	52
11	EI7632	Figure 3	50.8	76.2	64	56	9	5.3	38	65	34	60
12	EI8645		57.2	86	71	67	8	5.1	43	72	48	75
13	EI9640		64	96	79	62.5	9.5	6.2	48	80	43	75
14	EI10550		70	105	87	77.5	11.5	5.5	52.5	88	54	88
15	EI11450		76	114	95	82	12	6.4	57	95	54	90
16	EI13360		88.8	133.2	111	117	8	6.1	66.6	111	64	106
17	EI13370		88.8	133.2	111	127	8	6.1	66.6	111	74	106

7. Technical parameters:

SN	Specification	Output Power (VA)	Idle Current (mA)	Idle Loss (W)	Voltage Regulation Rate	Temperature Rise	Weight (g)	Volume (tolerance ± 1)(mm) ³
1	EI3513	1	≤ 9	≤ 0.6	$\leq 20\%$	20°C	105	36×30×31
2	EI4117	3	≤ 18	≤ 0.9	$\leq 18\%$	20°C	200	42×25×34
3	EI4120	5	≤ 18	≤ 0.9	$\leq 18\%$	25°C	240	42×38×34
4	EI4820	8	≤ 30	≤ 1.4	$\leq 18\%$	30°C	330	49×38×42
5	EI4824	10	≤ 35	≤ 1.6	$\leq 16\%$	30°C	380	49×42×42
6	EI5420	12	≤ 35	≤ 1.6	$\leq 17\%$	35°C	420	55×40×46
7	EI5720	15	≤ 40	≤ 1.8	$\leq 17\%$	35°C	450	58×45×49
8	EI5725	20	≤ 50	≤ 2.0	$\leq 15\%$	40°C	540	58×50×49
9	EI5730	25	≤ 60	≤ 2.5	$\leq 13\%$	40°C	650	58×55×49
10	EI6628	30	≤ 60	≤ 2.5	$\leq 10\%$	40°C	850	67×52×56
11	EI7632	50	≤ 75	≤ 3.8	$\leq 8\%$	45°C	1280	78×60×65
12	EI7632	60	≤ 75	≤ 3.8	$\leq 9\%$	45°C	1280	78×60×65
13	EI8645	100	≤ 130	≤ 6	$\leq 6\%$	45°C	2150	86×75×72
14	EI9640	150	≤ 150	≤ 6.8	$\leq 6\%$	45°C	2500	96×75×80
15	EI10550	250	≤ 220	≤ 10	$\leq 5\%$	45°C	3600	105×88×88
16	EI11450	320	≤ 240	≤ 12	$\leq 5\%$	45°C	4300	114×90×95
17	EI13360	480	≤ 400	≤ 20	$\leq 4\%$	50°C	7000	133×106×111
18	EI13370	560	≤ 420	≤ 22	$\leq 3\%$	50°C	8050	133×116×111