44000 SERIES

0,6 VA – EI 30-5 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Protection	Reference	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
	44013	6	100	9,94	T 70 B	0,6
	44014	9	66	14,95	T 70 B	0,6
	44015	12	50	19,9	T 70 B	0,6
	44016	15	40	24,9	T 70 B	0,6
	44017	18	33	29,9	T 70 B	0,6
	44018	24	25	39,8	T 70 B	0,6
	44019	2 x 6	2 x 50	2 x 9,94	T 70 B	0,6
	44020	2 x 9	2 x 33	2 x 14,95	T 70 B	0,6
	44021	2 x 12	2 x 25	2 x 19,9	T 70 B	0,6
	44022*	2 x 15	2 x 20	2 x 24,9	T 70 B	0,6
	44023*	2 x 18	2 x 17	2 x 29,9	T 70 B	0,6
	44024*	2 x 24	2 x 12	2 x 39,8	T 70 B	0,6

* **to be noted :** non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 40 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Inherently short-circuits proof
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on

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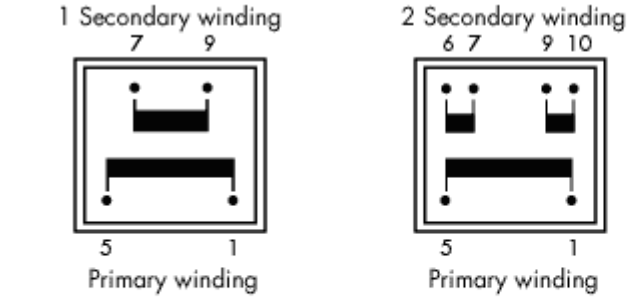
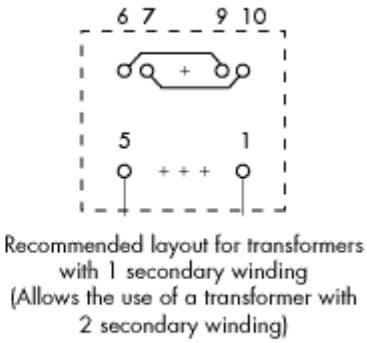
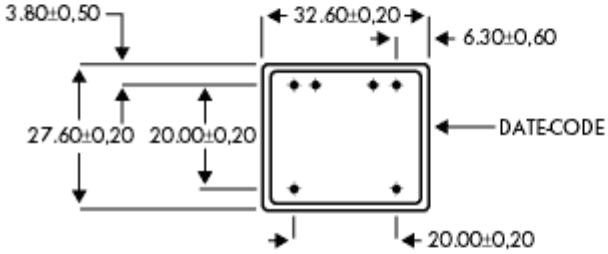
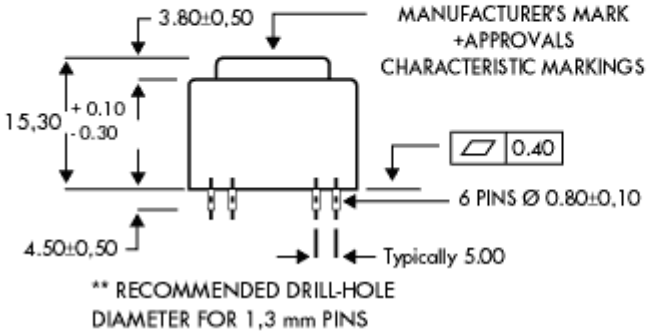




Recommended layout for transformers
with 1 secondary winding
(Allows the use of a transformer with
2 secondary winding)





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44000 SERIES

1 VA – EI 30-10,5 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Protection	Reference	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
	44049	6	167	8,6	T 70 B	1
	44050	9	111	12,9	T 70 B	1
	44051	12	83	17,2	T 70 B	1
	44052	15	67	21,6	T 70 B	1
	44053	18	56	25,9	T 70 B	1
	44054	24	42	37,9	T 70 B	1
	44055	2 x 6	2 x 83	2 x 8,6	T 70 B	1
	44056	2 x 9	2 x 56	2 x 12,9	T 70 B	1
	44057	2 x 12	2 x 42	2 x 19	T 70 B	1
	44058	2 x 15	2 x 33	2 x 23,6	T 70 B	1
	44059	2 x 18	2 x 28	2 x 24,9	T 70 B	1
	44060*	2 x 24	2 x 21	2 x 37,9	T 70 B	1

* **to be noted :** 2 x 24 V non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 70 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Inherently short-circuits proof transformer
- 30 V and 36 V models are VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request

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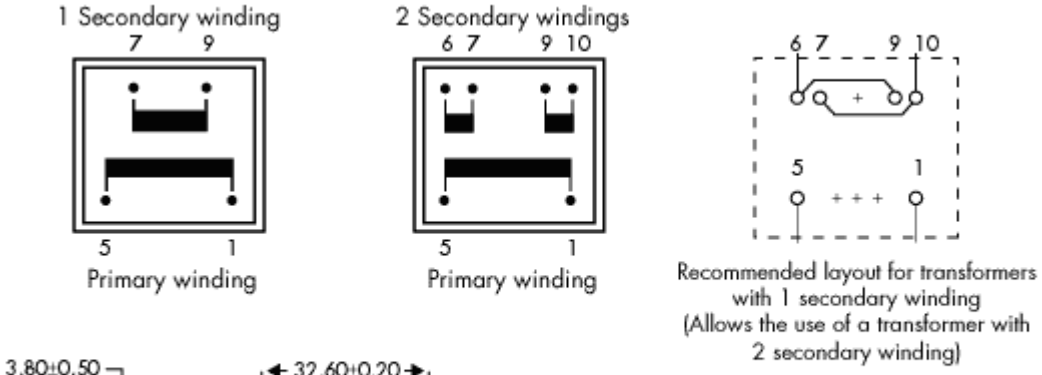

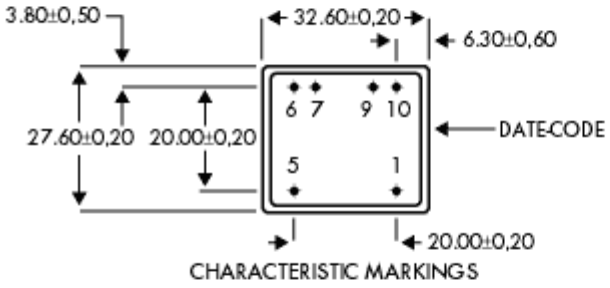

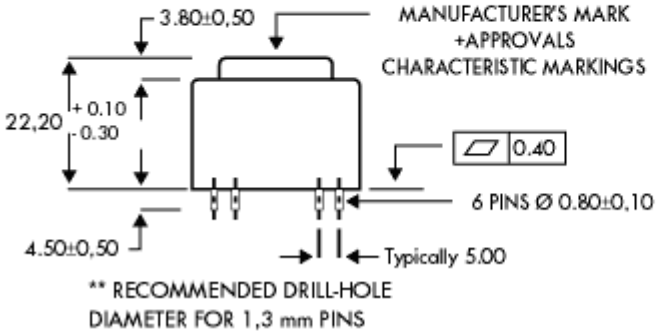

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44000 SERIES

1,5 VA – EI 30-12,5 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Protection	Reference	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
	44085	6	250	9,7	T 70 B	1,5
	44086	9	167	14,5	T 70 B	1,5
	44087	12	125	19,3	T 70 B	1,5
	44088	15	100	24,2	T 70 B	1,5
	44089	18	83	29,8	T 70 B	1,5
	44090	24	63	38,6	T 70 B	1,5
	44091	2 x 6	2 x 125	2 x 9,7	T 70 B	1,5
	44092	2 x 9	2 x 83	2 x 15	T 70 B	1,5
	44093	2 x 12	2 x 63	2 x 19,3	T 70 B	1,5
	44094	2 x 15	2 x 50	2 x 24,2	T 70 B	1,5
	44095*	2 x 18	2 x 42	2 x 29	T 70 B	1,5
	44096*	2 x 24	2 x 31	2 x 38,6	T 70 B	1,5

* **to be noted :** 2 x 18 V and 2 x 24 non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 80 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Inherently short-circuits proof transformer
- 30 V model is VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request

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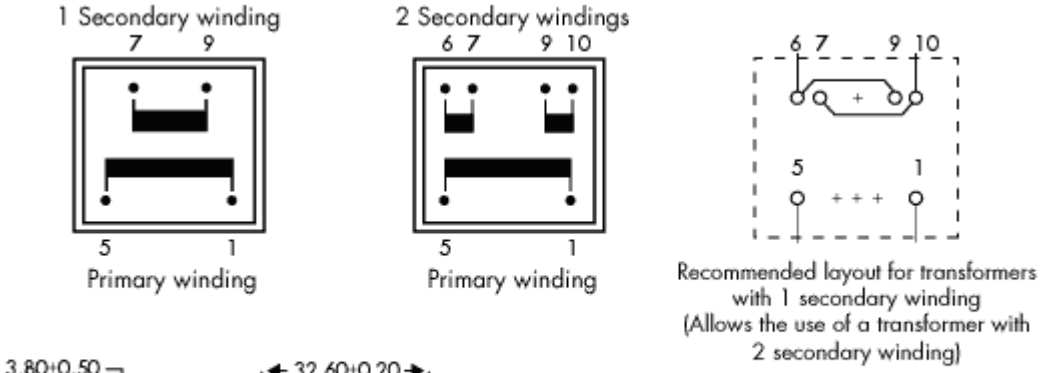

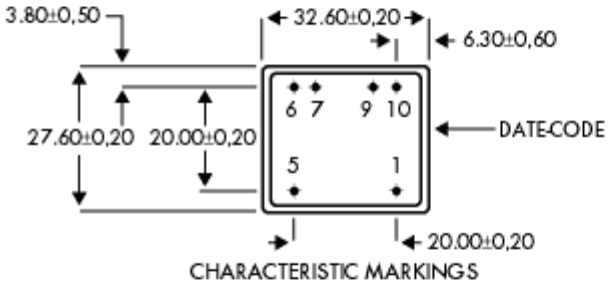

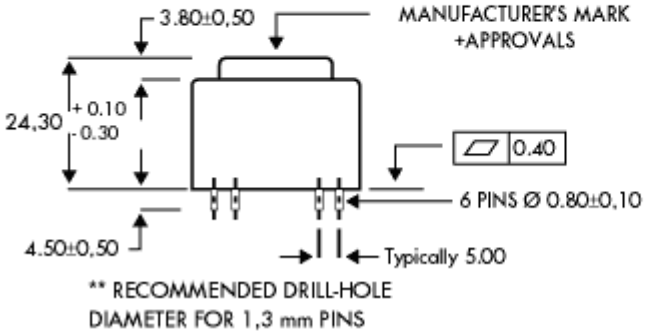

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44000 SERIES

2 VA – EI 30-15,5 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Protection	Reference	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
	44121	6	333	10,4	T 70 B	2
	44122	9	222	15,5	T 70 B	2
	44123	12	167	20,7	T 70 B	2
	44124	15	133	25,8	T 70 B	2
	44125	18	111	30,8	T 70 B	2
	44126	24	83	41,4	T 70 B	2
	44127	2 x 6	2 x 167	2 x 10,4	T 70 B	2
	44128	2 x 9	2 x 111	2 x 15,4	T 70 B	2
	44129	2 x 12	2 x 83	2 x 20,7	T 70 B	2
	44130	2 x 15	2 x 67	2 x 25,8	T 70 B	2
	44131*	2 x 18	2 x 56	2 x 30,8	T 70 B	2
	44132*	2 x 24	2 x 42	2 x 41,4	T 70 B	2

* **to be noted :** 2 x 18 V and 2 x 24 non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 100 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Inherently short-circuits proof transformer
- 30 V model is VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request

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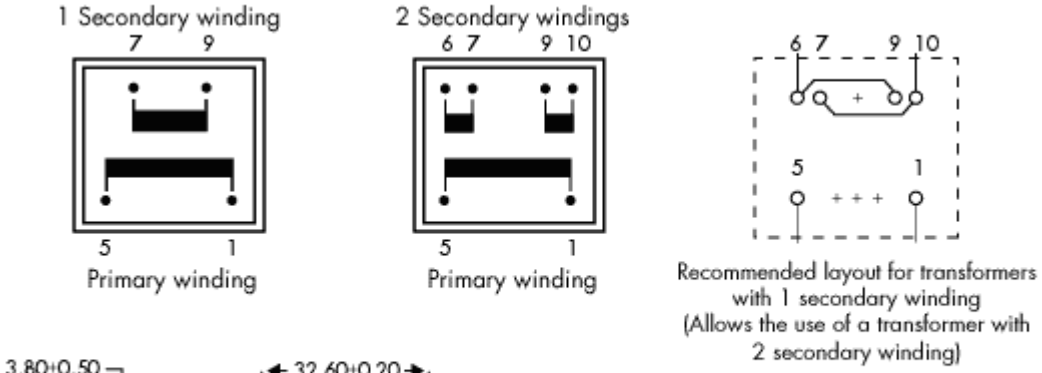

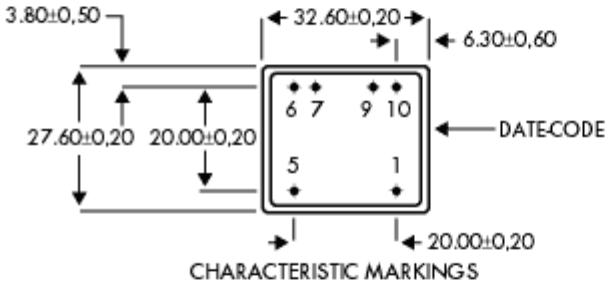

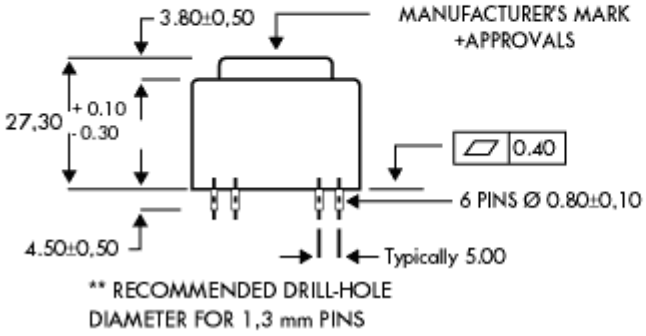

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44000 SERIES

2,3 VA – EI 30-18 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Protection	Reference	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
	44157	6	383	10,5	T 70 B	2,3
	44158	9	256	15,7	T 70 B	2,3
	44159	12	192	21	T 70 B	2,3
	44160	15	153	25,9	T 70 B	2,3
	44161	18	128	31,4	T 70 B	2,3
	44162	24	96	41,9	T 70 B	2,3
	44163	2 x 6	2 x 192	2 x 10,5	T 70 B	2,3
	44164	2 x 9	2 x 128	2 x 15,7	T 70 B	2,3
	44165	2 x 12	2 x 96	2 x 21	T 70 B	2,3
	44166	2 x 15	2 x 77	2 x 25,9	T 70 B	2,3
	44167*	2 x 18	2 x 64	2 x 31,4	T 70 B	2,3
	44168*	2 x 24	2 x 48	2 x 41,9	T 70 B	2,3

* **to be noted :** 2 x 18 V and 2 x 24 non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 70 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Inherently short-circuits proof
- 30 V model is VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request

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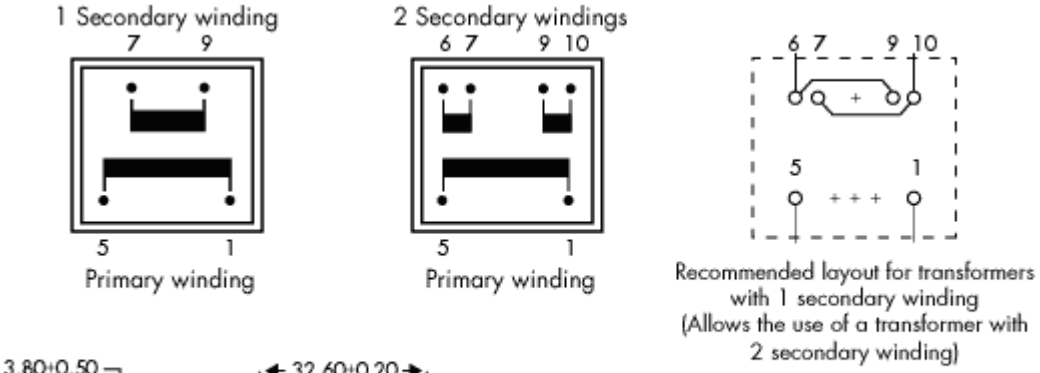

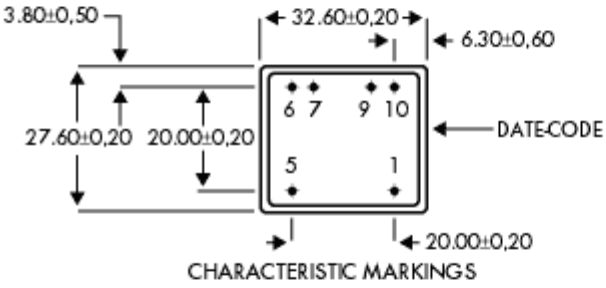

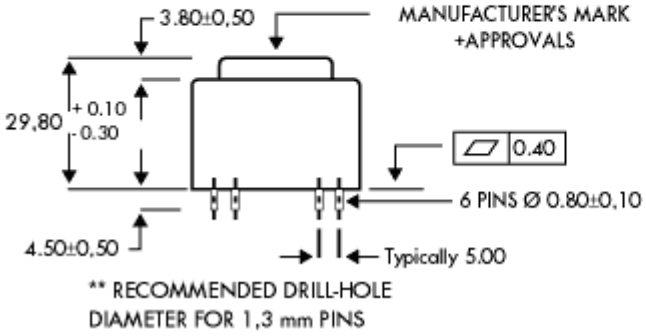

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44000 SERIES

3,2 VA – EI 38-13,6 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Secondary protection **mA**	Reference	Secondary voltage **V**	Secondary Current **m A**	No-load voltage **V**	Ambient Temperature **°C**	Rating **VA**
630	44193	6	533	8	T 70 B	3,2
400	44194	9	356	12	T 70 B	3,2
315	44195	12	267	16	T 70 B	3,2
250	44196	15	213	20	T 70 B	3,2
200	44197	18	178	24,1	T 70 B	3,2
160	44198	24	133	32,1	T 70 B	3,2
315	44199	2 x 6	2 x 267	2 x 8	T 70 B	3,2
200	44200	2 x 9	2 x 178	2 x 12	T 70 B	3,2
160	44201	2 x 12	2 x 133	2 x 16	T 70 B	3,2
125	44202	2 x 15	2 x 107	2 x 20	T 70 B	3,2
100	44203	2 x 18	2 x 89	2 x 24	T 70 B	3,2
80	44204*	2 x 24	2 x 67	2 x 32,1	T 70 B	3,2

* **to be noted :** 2 x 24 V non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 150 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on secondary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request

OPTIONS :
Boxes with fixing support

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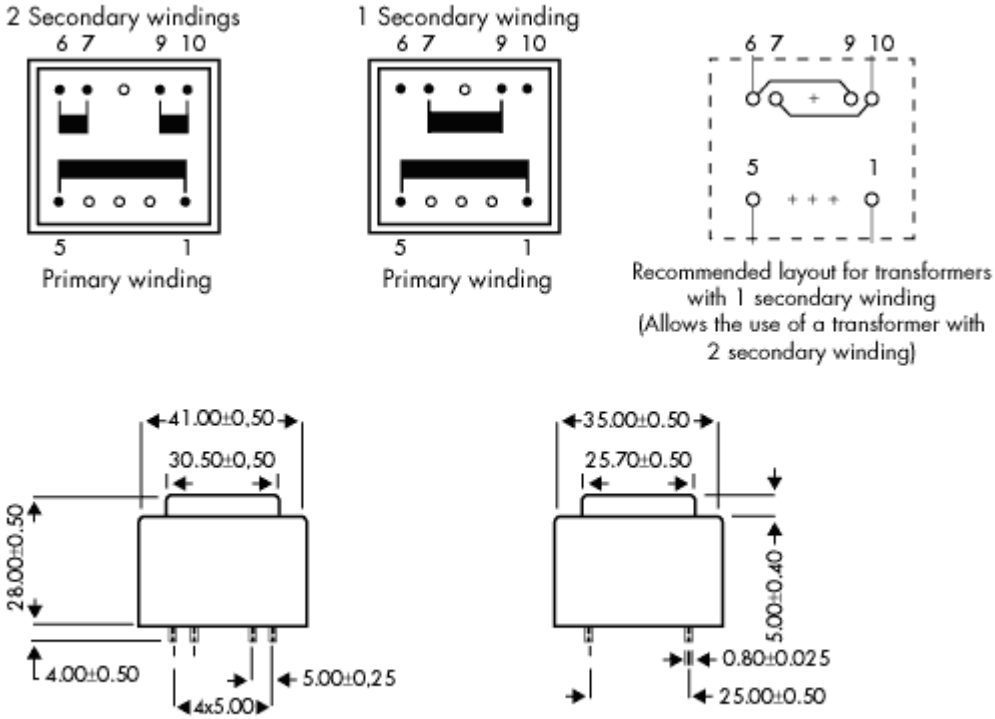
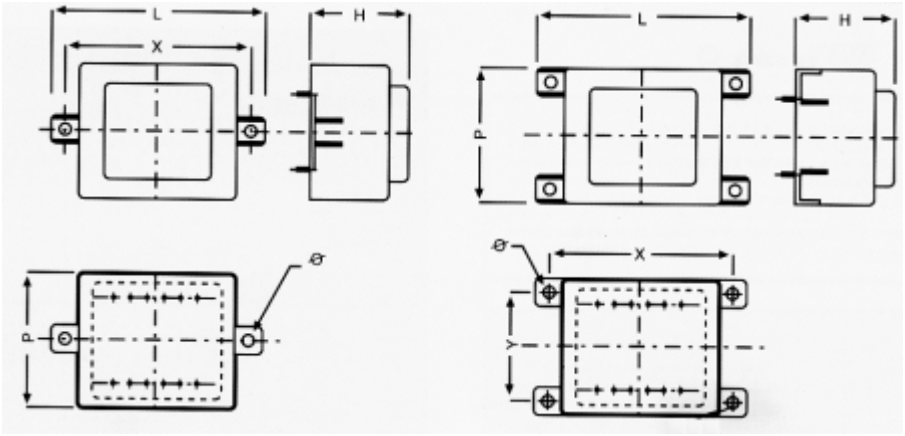


** RECOMMENDED DRILL-HOLE DIAMETER FOR 1,3 mm PINS

OPTIONS



Circuit	L ± 0,50	P ± 0,40	H ± 0,40	X ± 0,40	Y ± 0,40	Ø ± 0,40
EI 38 x 13,6	55,6	34,9	28,1	47,5		3,2
EI 42 x 14,8	64	37	32,3	55,0		4,2
EI 48 x 16,8	69	42,3	34,6	60		4,2
EI 54 x 18,8	74	47,3	38,8	65		4,2
EI 60 x 21	81,5	53,3	44,7	72,5	43,5	4,2
EI 66 x 23	87,2	58,6	48,5	77,5	47,5	4,2

Series 44000 transformers can be equiped with boxes with lugs and aslo 2,8 "faston" terminal tags whole still conforming tu the specifications in the standard references.

- For boxes with 2 lugs and pin type output, add suffix 1 to the reference of the standard transformer (example : 44198-1)
- For boxes with 2 lugs and 2,8 "faston" output, add suffix 2 to the reference of the standars transformer (example : 44199-2)
- For boxes with 4 lugs and pin type output, add suffix 3 to the reference of the standard transformer (example : 44200-3)
- For boxes with 4 lugs and 2,8 "faston", add suffix 4 to the reference of the standard transformer (example : 44200-3)

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5 VA – EI 42-14,8 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Secondary protection mA	Reference	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
800	44229	6	833	8,4	T 50 B	5
630	44230	9	556	12,6	T 50 B	5
400	44231	12	417	16,9	T 50 B	5
315	44232	15	333	21	T 50 B	5
315	44233	18	278	25,3	T 50 B	5
200	44234	24	208	33,7	T 50 B	5
400	44235	2 x 6	2 x 417	2 x 8,4	T 50 B	5
315	44236	2 x 9	2 x 278	2 x 12,6	T 50 B	5
200	44237	2 x 12	2 x 208	2 x 16,9	T 50 B	5
160	44238	2 x 15	2 x 167	2 x 21	T 50 B	5
160	44239	2 x 18	2 x 139	2 x 25,3	T 50 B	5
100	44240*	2 x 24	2 x 104	2 x 33,7	T 50 B	5

* **to be noted :** 2 x 24 V non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 200 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on secondary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request

OPTIONS :
Boxes with fixing support

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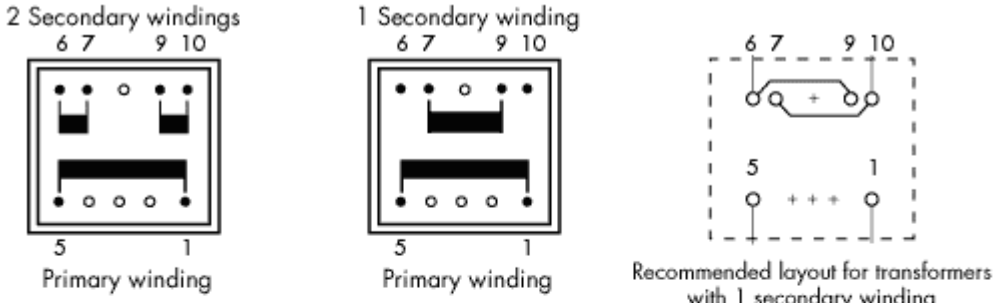
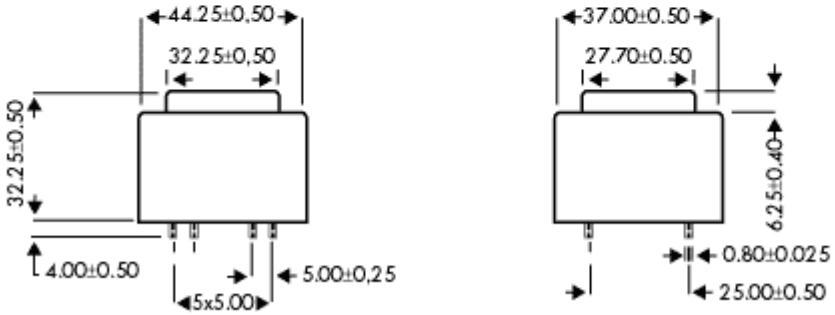
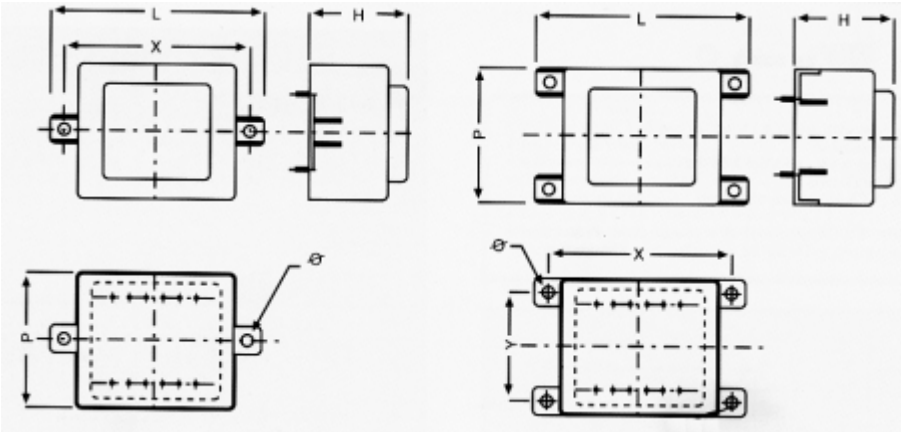




** RECOMMENDED DRILL-HOLE DIAMETER FOR 1,3 mm PINS

OPTIONS



Circuit	L ± 0,50	P ± 0,40	H ± 0,40	X ± 0,40	Y ± 0,40	Ø ± 0,40
EI 38 x 13,6	55,6	34,9	28,1	47,5		3,2
EI 42 x 14,8	64	37	32,3	55,0		4,2
EI 48 x 16,8	69	42,3	34,6	60		4,2
EI 54 x 18,8	74	47,3	38,8	65		4,2
EI 60 x 21	81,5	53,3	44,7	72,5	43,5	4,2
EI 66 x 23	87,2	58,6	48,5	77,5	47,5	4,2

Series 44000 transformers can be equiped with boxes with lugs and aslo 2,8 "faston" terminal tags whole still conforming tu the specifications in the standard references.

- For boxes with 2 lugs and pin type output, add suffix 1 to the reference of the standard transformer (example : 44198-1)
- For boxes with 2 lugs and 2,8 "faston" output, add suffix 2 to the reference of the standars transformer (example : 44199-2)
- For boxes with 4 lugs and pin type output, add suffix 3 to the reference of the standard transformer (example : 44200-3)
- For boxes with 4 lugs and 2,8 "faston", add suffix 4 to the reference of the standard transformer (example : 44200-3)

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44000 SERIES

10 VA – EI 48-16,8 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Primary protection mA	Reference	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
63	44265	6	1667	7,2	T 50 B	10
63	44266	9	1111	10,8	T 50 B	10
63	44267	12	833	14,4	T 50 B	10
63	44268	15	667	18,1	T 50 B	10
63	44269	18	556	21,6	T 50 B	10
63	44270	24	417	28,9	T 50 B	10
63	44271	2 x 6	2 x 833	2 x 7,2	T 50 B	10
63	44272	2 x 9	2 x 556	2 x 10,8	T 50 B	10
63	44273	2 x 12	2 x 417	2 x 14,4	T 50 B	10
63	44274	2 x 15	2 x 333	2 x 18,1	T 50 B	10
63	44275	2 x 18	2 x 278	2 x 21,6	T 50 B	10
63	44276*	2 x 24	2 x 208	2 x 28,9	T 50 B	10

* **to be noted :** marked transformers are non-approved.
Protection transformers according to EN 60742 circuit isolation transformer.

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 300 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on primary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 60742 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request

OPTIONS :
Boxes with fixing support

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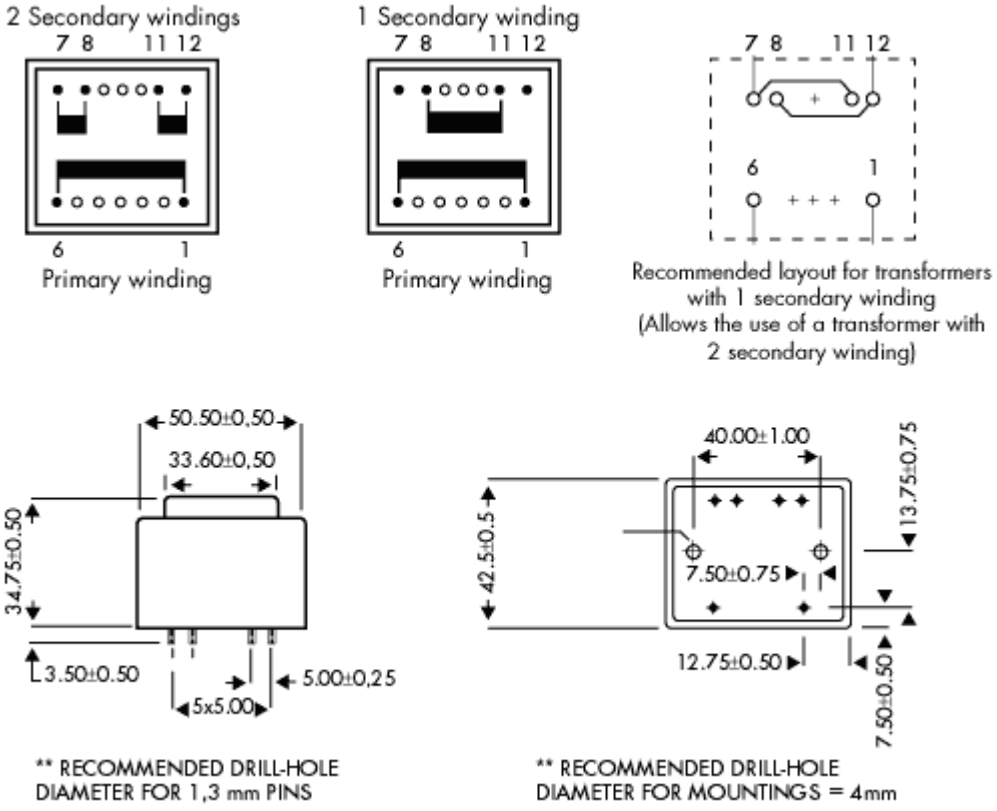

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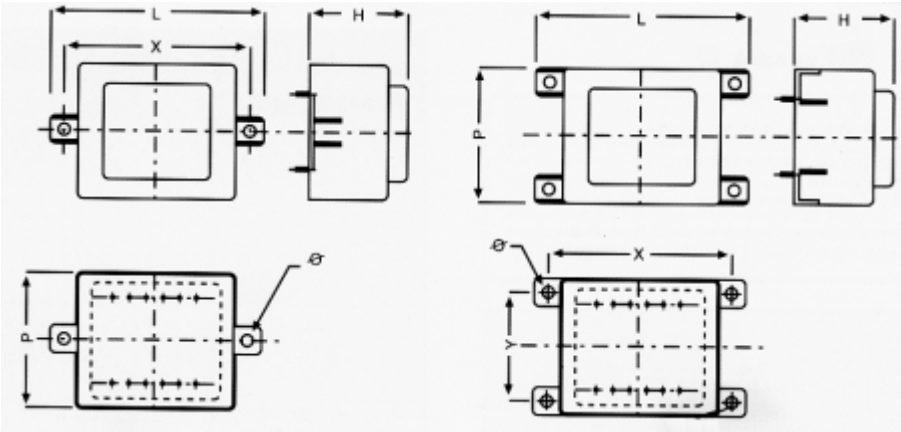

Circuit	L ± 0,50	P ± 0,40	H ± 0,40	X ± 0,40	Y ± 0,40	Ø ± 0,40
EI 38 x 13,6	55,6	34,9	28,1	47,5		3,2
EI 42 x 14,8	64	37	32,3	55,0		4,2
EI 48 x 16,8	69	42,3	34,6	60		4,2
EI 54 x 18,8	74	47,3	38,8	65		4,2
EI 60 x 21	81,5	53,3	44,7	72,5	43,5	4,2
EI 66 x 23	87,2	58,6	48,5	77,5	47,5	4,2

Series 44000 transformers can be equiped with boxes with lugs and aslo 2,8 "faston" terminal tags whole still conforming tu the specifications in the standard references.

- For boxes with 2 lugs and pin type output, add suffix 1 to the reference of the standard transformer (example : 44198-1)
- For boxes with 2 lugs and 2,8 "faston" output, add suffix 2 to the reference of the standars transformer (example : 44199-2)
- For boxes with 4 lugs and pin type output, add suffix 3 to the reference of the standard transformer (example : 44200-3)
- For boxes with 4 lugs and 2,8 "faston", add suffix 4 to the reference of the standard transformer (example : 44200-3)

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16 VA – EI 54-18,8 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Secondary protection A	Reference	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
2,5	44301	6	2667	7,4	T 50 B	16
2	44302	9	1778	11,1	T 50 B	16
1,25	44303	12	1333	14,7	T 50 B	16
1	44304	15	1067	18,4	T 50 B	16
1	44305	18	889	22,1	T 50 B	16
0,63	44306	24	667	29,3	T 50 B	16
2,25	44307	2 x 6	2 x 1333	2 x 7,4	T 50 B	16
1	44308	2 x 9	2 x 889	2 x 11,1	T 50 B	16
0,63	44309	2 x 12	2 x 667	2 x 14,7	T 50 B	16
0,5	44310	2 x 15	2 x 533	2 x 18,4	T 50 B	16
0,5	44311	2 x 18	2 x 444	2 x 22	T 50 B	16
0,315	44312*	2 x 24	2 x 333	2 x 29,3	T 50 B	16

* **to be noted :** 2 x 24 V non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 400 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on secondary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request

OPTIONS :
Boxes with fixing support

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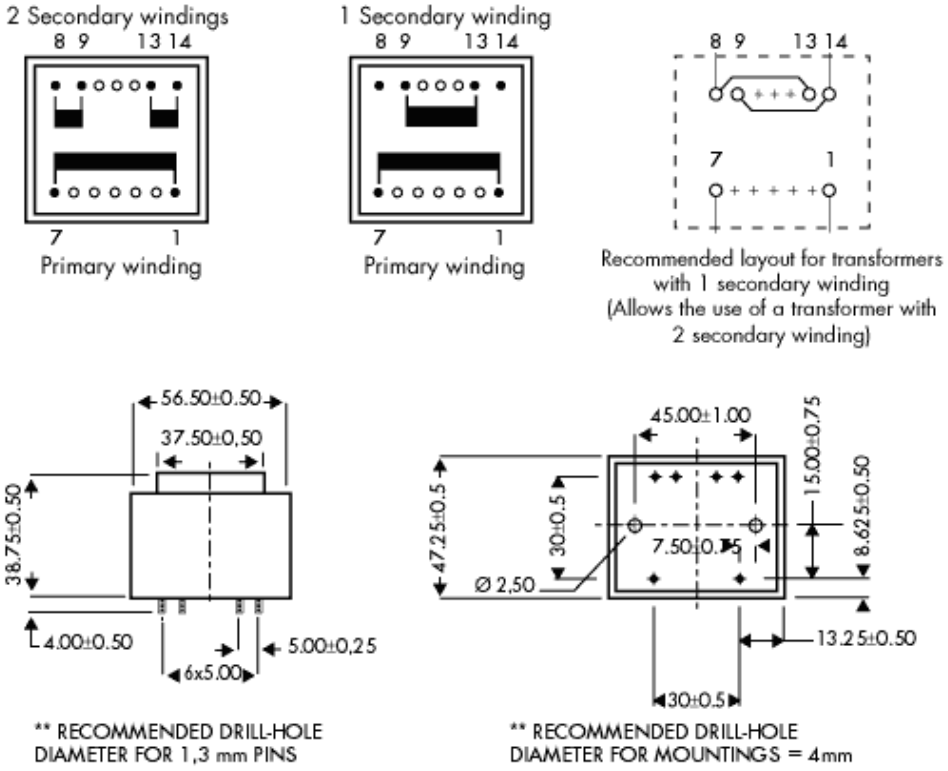

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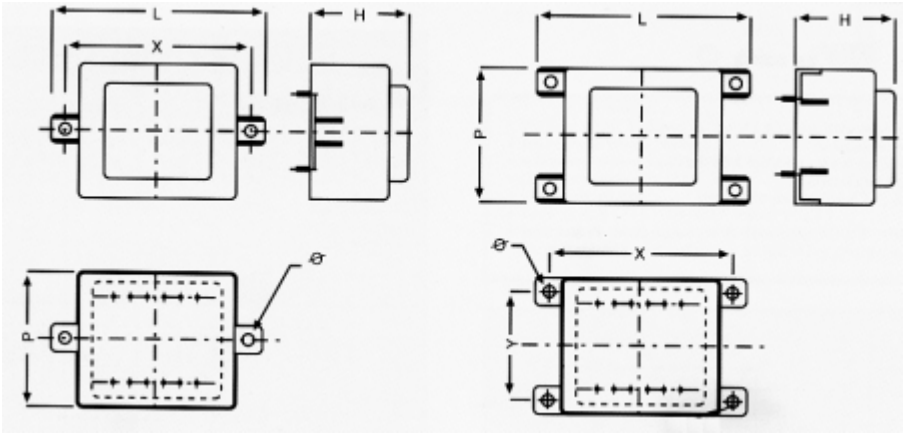

Circuit	L ± 0,50	P ± 0,40	H ± 0,40	X ± 0,40	Y ± 0,40	Ø ± 0,40
EI 38 x 13,6	55,6	34,9	28,1	47,5		3,2
EI 42 x 14,8	64	37	32,3	55,0		4,2
EI 48 x 16,8	69	42,3	34,6	60		4,2
EI 54 x 18,8	74	47,3	38,8	65		4,2
EI 60 x 21	81,5	53,3	44,7	72,5	43,5	4,2
EI 66 x 23	87,2	58,6	48,5	77,5	47,5	4,2

Series 44000 transformers can be equiped with boxes with lugs and aslo 2,8 "faston" terminal tags whole still conforming tu the specifications in the standard references.

- For boxes with 2 lugs and pin type output, add suffix 1 to the reference of the standard transformer (example : 44198-1)
- For boxes with 2 lugs and 2,8 "faston" output, add suffix 2 to the reference of the standars transformer (example : 44199-2)
- For boxes with 4 lugs and pin type output, add suffix 3 to the reference of the standard transformer (example : 44200-3)
- For boxes with 4 lugs and 2,8 "faston", add suffix 4 to the reference of the standard transformer (example : 44200-3)

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44000 SERIES

22 VA – EI 60-21 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Primary protection mA	Reference	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
125	44432	6	3667	6,8	T 50 B	22
125	44433	9	2444	10,3	T 50 B	22
125	44434	12	1833	13,7	T 50 B	22
125	44435	15	1467	17,1	T 50 B	22
125	44436	18	1222	20,5	T 50 B	22
125	44437	24	917	27,3	T 50 B	22
125	44438	2 x 6	2 x 1833	2 x 6,8	T 50 B	22
125	44439	2 x 9	2 x 1222	2 x 10,3	T 50 B	22
125	44440	2 x 12	2 x 917	2 x 13,7	T 50 B	22
125	44441	2 x 15	2 x 733	2 x 17,1	T 50 B	22
125	44442	2 x 18	2 x 611	2 x 20,5	T 50 B	22
125	44443*	2 x 24	2 x 458	2 x 27,3	T 50 B	22

* **to be noted :** 2 x 24 V non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 550 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on primary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request

OPTIONS :
Boxes with fixing support

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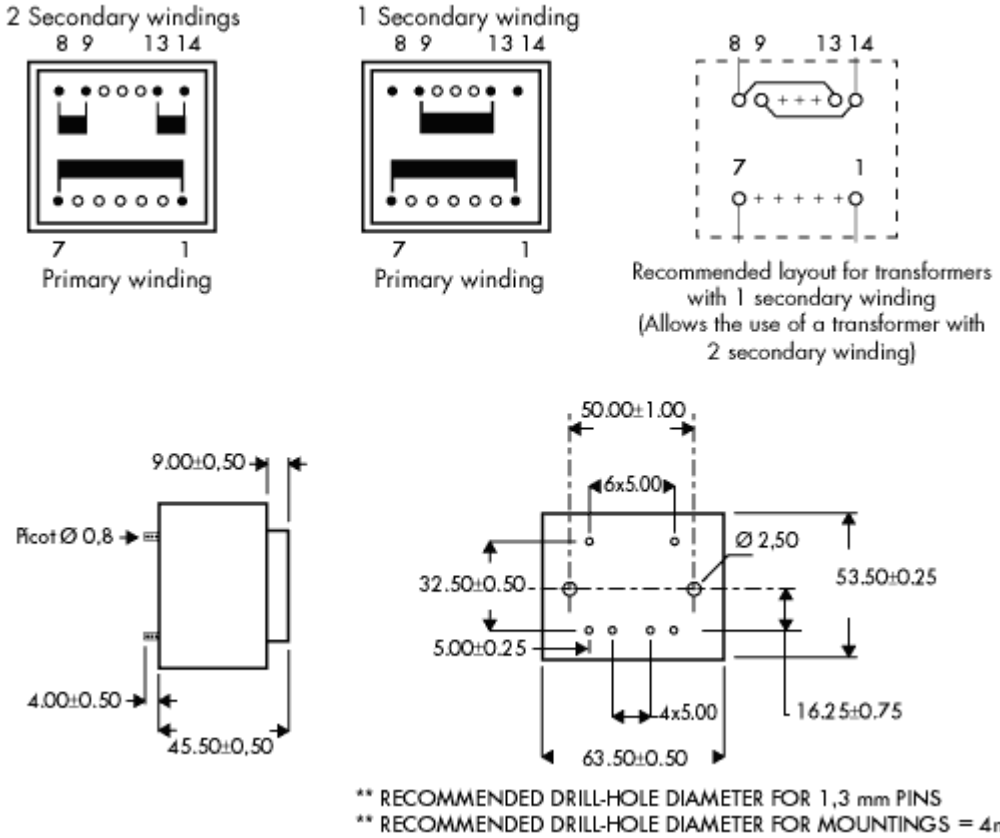

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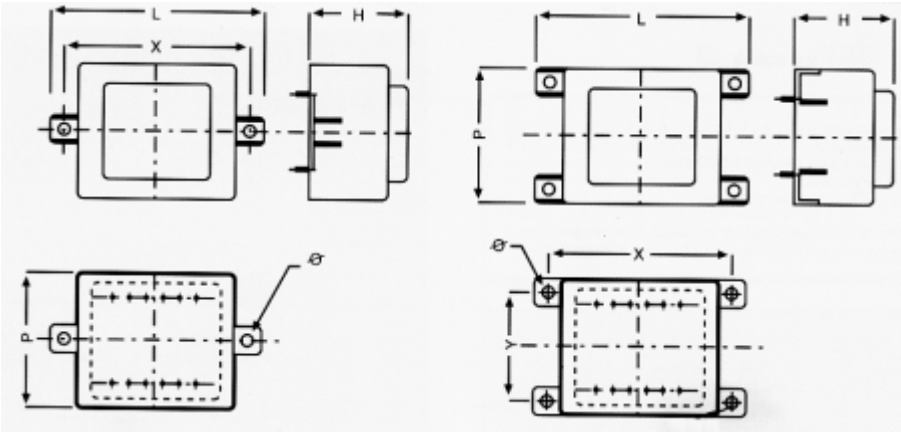

Circuit	L ± 0,50	P ± 0,40	H ± 0,40	X ± 0,40	Y ± 0,40	Ø ± 0,40
EI 38 x 13,6	55,6	34,9	28,1	47,5		3,2
EI 42 x 14,8	64	37	32,3	55,0		4,2
EI 48 x 16,8	69	42,3	34,6	60		4,2
EI 54 x 18,8	74	47,3	38,8	65		4,2
EI 60 x 21	81,5	53,3	44,7	72,5	43,5	4,2
EI 66 x 23	87,2	58,6	48,5	77,5	47,5	4,2

Series 44000 transformers can be equiped with boxes with lugs and aslo 2,8 "faston" terminal tags whole still conforming tu the specifications in the standard references.

- For boxes with 2 lugs and pin type output, add suffix 1 to the reference of the standard transformer (example : 44198-1)
- For boxes with 2 lugs and 2,8 "faston" output, add suffix 2 to the reference of the standars transformer (example : 44199-2)
- For boxes with 4 lugs and pin type output, add suffix 3 to the reference of the standard transformer (example : 44200-3)
- For boxes with 4 lugs and 2,8 "faston", add suffix 4 to the reference of the standard transformer (example : 44200-3)

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44000 SERIES

30 VA – EI 66-23 – Serie 44000
Primary voltage 230 VAC

EN 61558-2-6 EN 60950

PRIMARY VOLTAGE – 230 VAC						
Primary protection mA	Reference	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
160	44373	6	5000	6,9	T 50 B	30
160	44374	9	333	10,3	T 50 B	30
160	44375	12	2500	13,8	T 50 B	30
160	44376	15	2000	17,2	T 50 B	30
160	44377	18	1667	20,8	T 50 B	30
160	44378	24	1250	27,7	T 50 B	30
160	44379	2 x 6	2 x 2500	2 x 6,9	T 50 B	30
160	44380	2 x 9	2 x 1667	2 x 10,3	T 50 B	30
160	44381	2 x 12	2 x 1250	2 x 13,8	T 50 B	30
160	44382	2 x 15	2 x 1000	2 x 17,2	T 50 B	30
160	44383	2 x 18	2 x 833	2 x 20,8	T 50 B	30
160	44384*	2 x 24	2 x 625	2 x 27,7	T 50 B	30

* **to be noted :** 2 x 24 V non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 700 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on primary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification : CCA procedure on request

OPTIONS :
Boxes with fixing support

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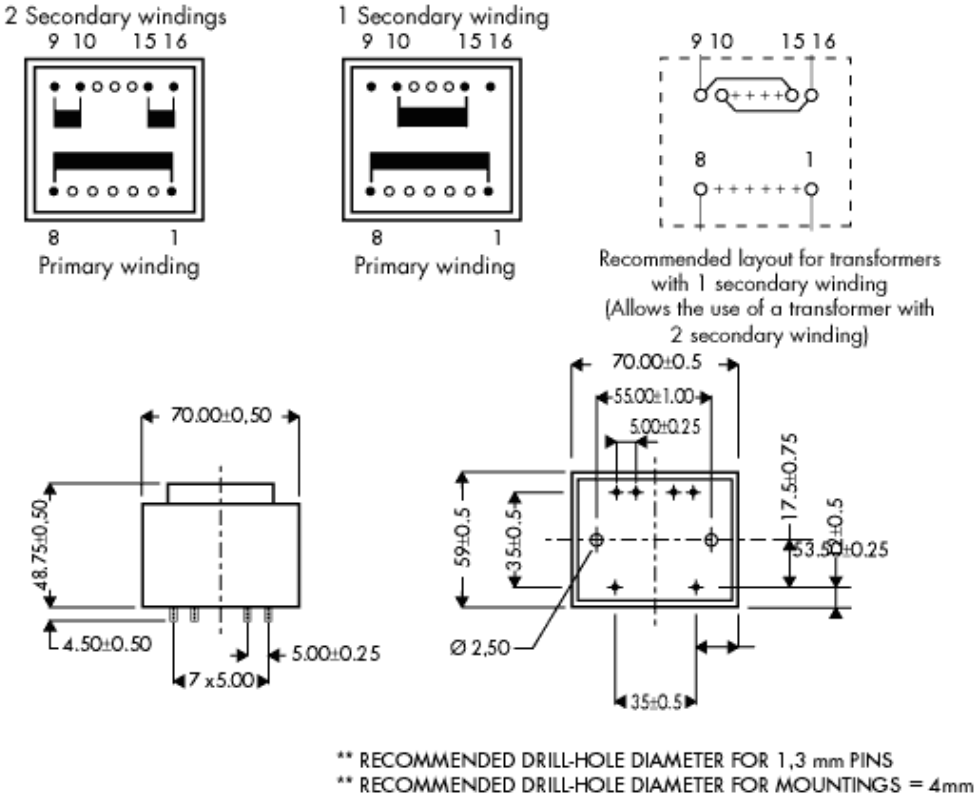
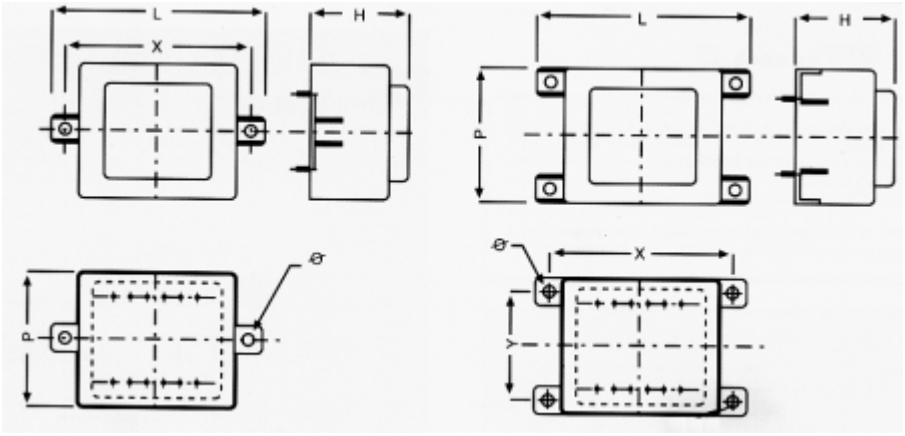


** RECOMMENDED DRILL-HOLE DIAMETER FOR 1,3 mm PINS
** RECOMMENDED DRILL-HOLE DIAMETER FOR MOUNTINGS = 4mm

OPTIONS



Circuit	L ± 0,50	P ± 0,40	H ± 0,40	X ± 0,40	Y ± 0,40	Ø ± 0,40
EI 38 x 13,6	55,6	34,9	28,1	47,5		3,2
EI 42 x 14,8	64	37	32,3	55,0		4,2
EI 48 x 16,8	69	42,3	34,6	60		4,2
EI 54 x 18,8	74	47,3	38,8	65		4,2
EI 60 x 21	81,5	53,3	44,7	72,5	43,5	4,2
EI 66 x 23	87,2	58,6	48,5	77,5	47,5	4,2

Series 44000 transformers can be equiped with boxes with lugs and aslo 2,8 "faston" terminal tags whole still conforming tu the specifications in the standard references.

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- For boxes with 4 lugs and pin type output, add suffix 3 to the reference of the standard transformer (example : 44200-3)
- For boxes with 4 lugs and 2,8 "faston", add suffix 4 to the reference of the standard transformer (example : 44200-3)

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RATED PRIMARY VOLTAGE (V)

This is the supply voltage assigned to the transformer by the manufacturer.

RATED SECONDARY VOLTAGE (V)

This is the secondary output voltage assigned to the transformer when supplied with the rated primary voltage, frequency range, rated secondary current, all assigned by the manufacturer for the specified operating conditions of the transformer.

RATED POWER (VA)

The specified power levels in this catalogue are the secondary power levels, in other words, those available when the transformer is loaded. It is the product of the RMS rated secondary voltage by the RMS rated current. If the transformer has more than one output winding, the rated power denotes the maximum sum of the products of RMS rated secondary voltage by the RMS rated secondary current, respectively. This rated power is defined for rated ambient temperature conditions.

example : P = 3,2 VA T70/B

The transformer can deliver 3.2VA at maximum ambient (70°C), the load consisting of a resistor load defined by R(load) = U(sec)_/P (assigned U sec & P values), heating does not exceed the relevant limit for Class B components used in this construction.

NOTE : When the transformer is intended to supply DC voltage and current in conjunction with rectifiers and smoothing capacitors, the VA power required from the transformer is far higher than the U(DC) and I(DC) product. To help you to determine the true transformer power, our Technical Department is at your disposal.

AMBIENT TEMPERATURE (ta)

The maximum temperature at which the transformer may be operated continuously under nominal conditions of use. It is the air temperature measured close to the transformer after thermal stabilization when operating at rated conditions.

HEATING

The increase of the winding temperature when operating at rated conditions and maximum ambient temperature. The heating must be determine by the resistance method.

TEMPERATURE CLASS

The international classification of temperature classes is as follows :

A	105°C	H	180°C
E	120°C	200	200°C
B	130°C	220	220°C
F	155°C	250	250°C

It defines the maximum temperature the transformer components must withstand in continuous operation, in compliance with the N° 85 IEC publication classification. There insulating materials are therefore certificated for the thermal index corresponding to the declared class in accordance with N° 216 IEC standard.

PARTICULAR POINTS OF EN 61558-2-6 STANDARD FOR SAFETY TRANSFORMERS

On-load secondary voltage tolerance.

This should not differ from the rated value by more than :
10% for transformers with build-in resistance to short-circuits (a supplement of 5% is granted on the 2 nd secondary for tranformers with 2 secondaries).

Off-load secondary voltage.

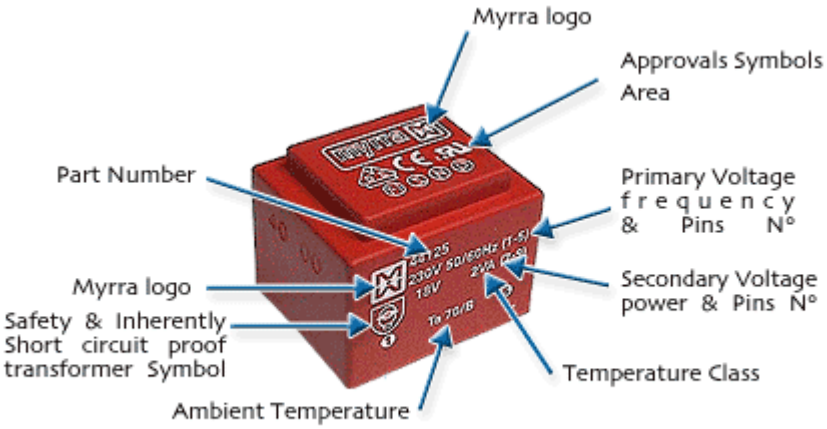
The values given in this catalogue are maximum theoretical values.
NOTE : For safety transformers, this should never exceed 50 V rms. In the case of a transformer with several secondaries, the sum of the secondary voltages should be less tan 50 V rms.

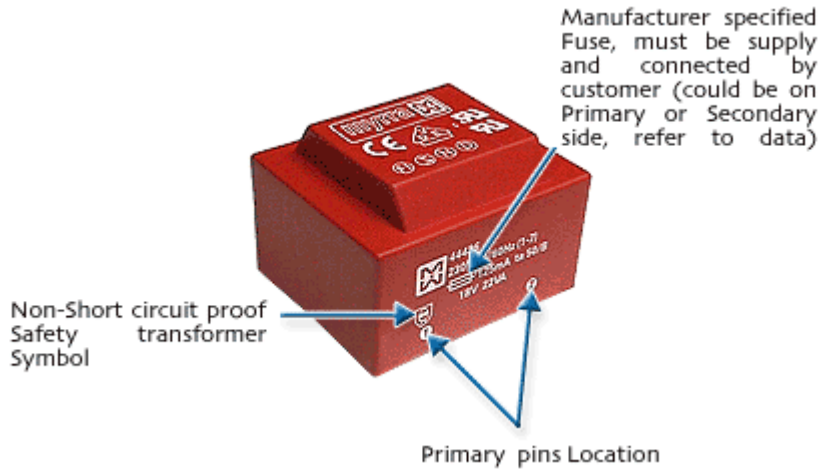
ADAPTED TRANSFORMERS FROM THE STANDARS SERIES

Any transformer whose requires Power and Ambient corresponding to those of our 44000 & 45000 range, and whose secondary voltage can fit in our minimum to maximum secondary range will be covered by EN61558-2-6,EN60950, or UL506 approvals, depending on the effective choice .

SPECIAL TRANFORMERS

MYRRA can use the 44000, 45000 or 46000 standard ranges to examine any transformer for compliance with your specifications and with international standards.
On request, we can add thermal protection, thermal fuse thermal switch-CTP.
In certain cases, the addition of thermal protection enables the ambient temperature to be increased, while still complying with EN 61558.





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