

Printed-Circuit-Board transformers

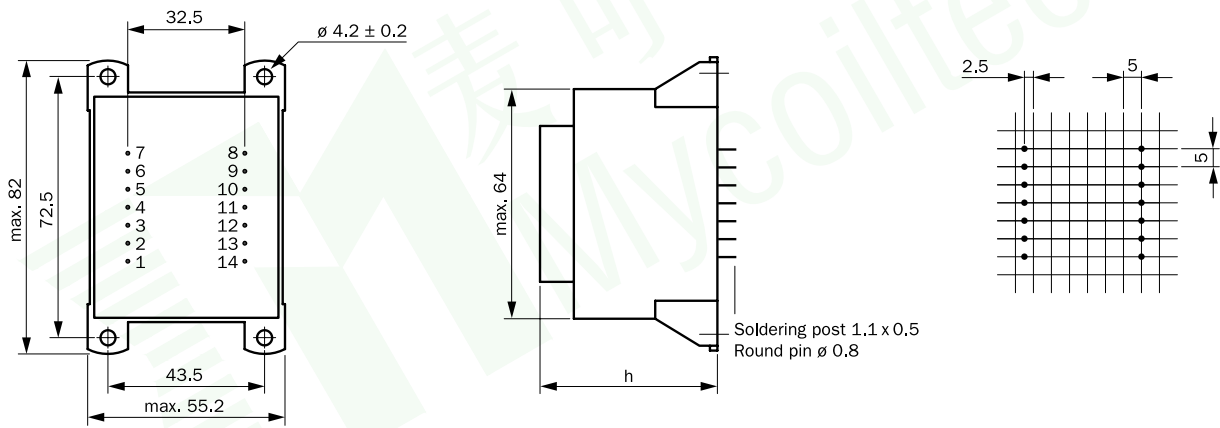
Output Power: 17.0 VA – 35.0 VA

- Output Power up to 35.0 VA
- Non short-circuit-proof at temperature class ta 70 ° C
- Standard type cast housing “B”
- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance
- Self-extinguishing cast housing and sealing material
- Per item tested quality with certificate

Protection extern secondary by:

- Micro fuse according to IEC 127 or
- PTC resistance

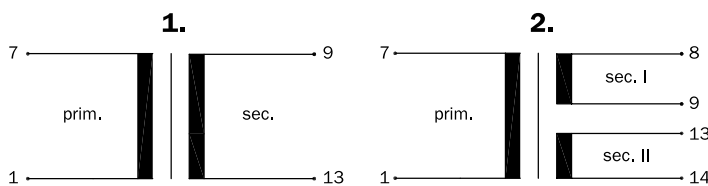
Connecting pins type cast housing “B” with 4 fixing straps



View looking onto pins

Dimensions without tolerances ± 0.3 mm, rights to make alterations and improvements hereby reserved

Connection scheme (only connected pins are present)



2.) double voltage – bridge: 9 + 13, double current – bridge: 8 + 13/9 + 14

Frame size/Core height	Output Power Ta 70° C	Height(h)	Weight	Packaging unit
MCT EI 600/16.0 mm*	17.0V/A	40.5 ± 0.5mm	0.450kg	18pieces
MCT EI 601/21.0mm	20.0 V/A	44.7 ± 0.5mm	0.600kg	18pieces
MCT EI 602/25.5mm	28.0V/A	49.2 ± 0.5mm	0.700kg	18pieces
MCT EI 603/30.5mm	30.0 V/A	54.2 ± 0.5mm	0.800kg	18pieces
MCT EI 604/35.0mm	35.0V/A	57.3 ± 0.5mm	0.900kg	18pieces

* only type cast housing ‘A’

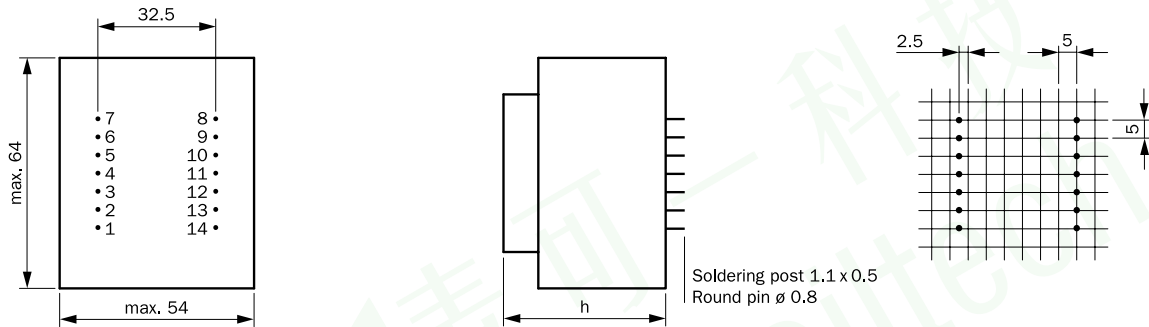
Printed-Circuit-Board transformers

Output Power: 17.0 VA – 35.0 VA

Private customized version

Parallel to the cataloged EI 54 series transformers, MCT also produces other variants, e.g. with integrated thermo fuse or thermo switch, other housing-, fixing- and connective options as well as non-encapsulated transformers.

Type cast housing "A"

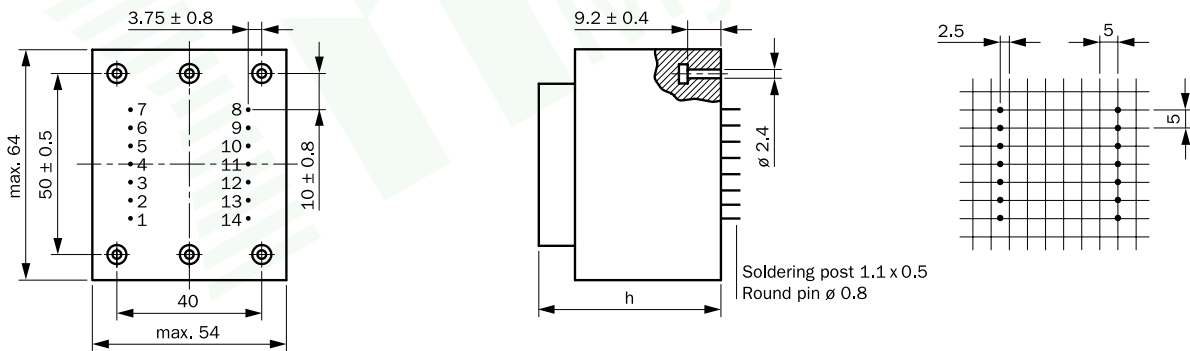


View looking onto pins

Soldering post 1.1 x 0.5
Round pin \varnothing 0.8

Dimensions without tolerances \pm 0.3 mm, rights to make alterations and improvements hereby reserved

Type cast housing "A" with fixing band

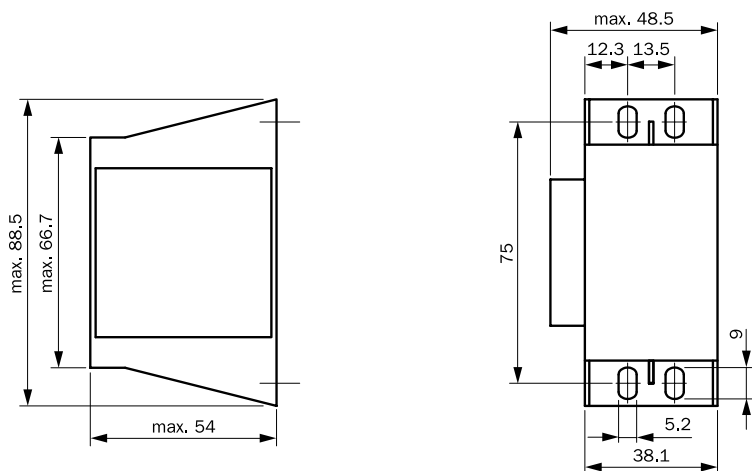


View looking onto pins

Soldering post 1.1 x 0.5
Round pin \varnothing 0.8

Dimensions without tolerances \pm 0.3 mm, rights to make alterations and improvements hereby reserved

Type cast housing "C" with fixing band



View looking onto pins

Dimensions without tolerances \pm 0.3 mm, rights to make alterations and improvements hereby reserved

Printed-Circuit-Board transformers

Output Power: up to 28.0 VA

17.0 VA ta 70 °C

Frame size/Core height
MCT EI 600 . /16.0 mm
non short circuit-proof

Order No.	Primary Voltage V	Connecting pins prim.	Secondary voltage V	Current sec.mA	Connecting pins sec.	No-load Voltage V	Connection scheme
MCT EI 600 1050	230	1-7	1×6	2834	9-13	1×7.4	1
MCT EI 600 1051	230	1-7	2×6	1417	8-9/13-14	2×7.4	2
MCT EI 600 1052	230	1-7	1×7.5	2267	9-13	1×9.3	1
MCT EI 600 1053	230	1-7	2×7.5	1134	8-9/13-14	2×9.3	2
MCT EI 600 1054	230	1-7	1×9	1889	9-13	1×11.1	1
MCT EI 600 1055	230	1-7	2×9	945	8-9/13-14	2×11.1	2
MCT EI 600 1056	230	1-7	1×12	1417	9-13	1×15.2	1
MCT EI 600 1057	230	1-7	2×12	708	8-9/13-14	2×15.2	2
MCT EI 600 1058	230	1-7	1×15	1134	9-13	1×18.2	1
MCT EI 600 1065	230	1-7	2×15	567	8-9/13-14	2×18.7	2
MCT EI 600 1072	230	1-7	1×18	944	9-13	1×21.9	1
MCT EI 600 1061	230	1-7	2×18	472	8-9/13-14	2×21.9	2
MCT EI 600 1062	230	1-7	1×24	708	9-13	1×28.9	1

20.0 VA ta 70 °C

Frame size/Core height
MCT EI 601 . /21.0 mm
non short-circuit-proof

Order No.	Primary Voltage V	Connecting pins prim.	Secondary voltage V	Current sec.mA	Connecting pins sec.	No-load Voltage V	Connection scheme
MCT EI 601 1069	230	1-7	1×6	3334	9-13	1×7.0	1
MCT EI 601 1070	230	1-7	2×6	1667	8-9/13-14	2×7.0	2
MCT EI 601 1074	230	1-7	1×7.5	2667	9-13	1×8.8	1
MCT EI 601 1059	230	1-7	2×7.5	1334	8-9/13-14	2×8.8	2
MCT EI 601 1060	230	1-7	1×9	2223	9-13	1×10.5	1
MCT EI 601 1042	230	1-7	2×9	1111	8-9/13-14	2×10.5	2
MCT EI 601 1046	230	1-7	1×12	1667	9-13	1×14.2	1
MCT EI 601 1043	230	1-7	2×12	834	8-9/13-14	2×14.2	2
MCT EI 601 1064	230	1-7	1×15	1334	9-13	1×17.0	1
MCT EI 601 1044	230	1-7	2×15	667	8-9/13-14	2×17.0	2
MCT EI 601 1066	230	1-7	1×18	1111	9-13	1×20.5	1
MCT EI 601 1068	230	1-7	2×18	556	8-9/13-14	2×20.5	2
MCT EI 601 1067	230	1-7	1×24	834	9-13	1×27.6	1

28.0 VA ta 70 °C

Frame size/Core height
MCT EI 602 . /25.5 mm
non short circuit-proof

Order No.	Primary Voltage V	Connecting pins prim.	Secondary voltage V	Current sec.mA	Connecting pins sec.	No-load Voltage V	Connection scheme
MCT EI 602 1011	230	1-7	1×6	4667	9-13	1×7.1	1
MCT EI 602 1018	230	1-7	2×6	2334	8-9/13-14	2×7.1	2
MCT EI 602 1012	230	1-7	1×7.5	3734	9-13	1×8.8	1
MCT EI 602 1019	230	1-7	2×7.5	1867	8-9/13-14	2×8.8	2
MCT EI 602 1013	230	1-7	1×9	3111	9-13	1×10.6	1
MCT EI 602 1020	230	1-7	2×9	1556	8-9/13-14	2×10.6	2
MCT EI 602 1014	230	1-7	1×12	2334	9-13	1×14.4	1
MCT EI 602 1021	230	1-7	2×12	1167	8-9/13-14	2×14.4	2
MCT EI 602 1015	230	1-7	1×15	1867	9-13	1×17.8	1
MCT EI 602 1022	230	1-7	2×15	934	8-9/13-14	2×17.8	2
MCT EI 602 1016	230	1-7	1×18	1556	9-13	1×20.5	1
MCT EI 602 1076	230	1-7	2×18	778	8-9/13-14	2×20.5	2
MCT EI 602 1017	230	1-7	1×24	1167	9-13	1×27.4	1

Printed-Circuit-Board transformers

Output Power: up to 35.0 VA

30.0 VA ta 70 °C

Frame size/Core height
MCT EI 603 . /30.5 mm
non short circuit-proof

Order No.	Primary Voltage V	Connecting pins prim.	Secondary voltage V	Current sec.mA	Connecting pins sec.	No-load Voltage V	Connection scheme
MCT EI 603 1023	230	1-7	1×6	5000	9-13	1×7.0	1
MCT EI 603 1030	230	1-7	2×6	2500	8-9/13-14	2×7.0	2
MCT EI 603 1024	230	1-7	1×7.5	4000	9-13	1×8.7	1
MCT EI 603 1031	230	1-7	2×7.5	2000	8-9/13-14	2×8.7	2
MCT EI 603 1025	230	1-7	1×9	3334	9-13	1×10.2	1
MCT EI 603 1032	230	1-7	2×9	1667	8-9/13-14	2×10.2	2
MCT EI 603 1026	230	1-7	1×12	2500	9-13	1×13.7	1
MCT EI 603 1034	230	1-7	2×12	1250	8-9/13-14	2×13.7	2
MCT EI 603 1027	230	1-7	1×15	2000	9-13	1×16.8	1
MCT EI 603 1035	230	1-7	2×15	1000	8-9/13-14	2×16.8	2
MCT EI 603 1028	230	1-7	1×18	1667	9-13	1×20.3	1
MCT EI 603 1080	230	1-7	2×18	834	8-9/13-14	2×20.3	2
MCT EI 603 1029	230	1-7	1×24	1250	9-13	1×27.0	1

35.0 VA ta 70 °C

Frame size/Core height
MCT EI 604 . /35.0 mm
non short circuit-proof

Order No.	Primary Voltage V	Connecting pins prim.	Secondary voltage V	Current sec.mA	Connecting pins sec.	No-load Voltage V	Connection scheme
MCT EI 604 1082	230	1-7	1×6	5834	9-13	1×7.0	1
MCT EI 604 1083	230	1-7	2×6	2917	8-9/13-14	2×7.0	2
MCT EI 604 1084	230	1-7	1×7.5	4667	9-13	1×8.7	1
MCT EI 604 1085	230	1-7	2×7.5	2334	8-9/13-14	2×8.7	2
MCT EI 604 1086	230	1-7	1×9	3889	9-13	1×10.3	1
MCT EI 604 1087	230	1-7	2×9	1994	8-9/13-14	2×10.3	2
MCT EI 604 1088	230	1-7	1×12	2917	9-13	1×13.9	1
MCT EI 604 1089	230	1-7	2×12	1458	8-9/13-14	2×13.9	2
MCT EI 604 1090	230	1-7	1×15	2334	9-13	1×17.1	1
MCT EI 604 1091	230	1-7	2×15	1167	8-9/13-14	2×17.1	2
MCT EI 604 1092	230	1-7	1×18	1994	9-13	1×20.3	1
MCT EI 604 1093	230	1-7	2×18	972	8-9/13-14	2×20.3	2
MCT EI 604 1094	230	1-7	1×24	1458	9-13	1×26.9	1