



Ref. Certif. No.

SG PSB-SE-00233

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Power supplies
(Built-in switching power supplies)

Name and address of the applicant

Traco Electronic AG
Sihlbruggstrasse 111
6340 Baar
SWITZERLAND

Name and address of the manufacturer

Traco Electronic AG
Sihlbruggstrasse 111, 6340 Baar, SWITZERLAND

Name and address of the factory

Ratings and principal characteristics

Rated input voltage: 100-240 Vac
Rated frequency: 50-60 Hz
Rated input current: 0.45 A max.
Rated output: (See appendix for details)
IP class: IP00
ta: (See appendix for details)
Class of equipment: Class II construction

Trade mark

See appendix

Model/type Ref.

TPP 15-xyczzzzzzzz series
(See appendix for details)

A sample of the product was tested and found
to be in conformity with

IEC 60335-1:2010
IEC 60335-1:2010/AMD1:2013
IEC 60335-1:2010/AMD2:2016
IEC 61558-1:2005
IEC 61558-1:2005/AMD1:2009
IEC 61558-2-16:2009
IEC 61558-2-16:2009/AMD1:2013

as shown in the Test Report Ref. No.
which forms part of this certificate

081-180475-000

This CB Test Certificate is issued by the National Certification Body

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Appendix to CB Certificate**1. Trade mark:****2. Model difference description:**

All models are similar to each other except for type of enclosures, transformer(TX1) secondary winding, PWB layout, output ranges, connection, maximum ambient temperature and model designation.

(Where x can be 103, 105, 107, 109, 112, 115, 118, 124, 128, 136, 148 or 153 for output voltage; y can be A, A2 or blank for SMPS type; c can be -J, -M, -D or blank for different type of connection; z can be any alphanumeric or dash or blank, except -J, -M or -D for marketing purpose)

3. Model difference list:

No:	Model name	Type	PCB	Output rating			ta (°C)
				Voltage (Vdc)	Current (mA)	Output Power (W)	
1	TPP 15-103A-Jzzzzzzzz	Open flame type	C	3.3	4000	13.2	60
2	TPP 15-105A-Jzzzzzzzz	Open flame type		5	3000	15	60
3	TPP 15-107A-Jzzzzzzzz	Open flame type		7.5	2000	15	60
4	TPP 15-109A-Jzzzzzzzz	Open flame type		9	1670	15.03	60
5	TPP 15-112A-Jzzzzzzzz	Open flame type		12	1250	15	60
6	TPP 15-115A-Jzzzzzzzz	Open flame type		15	1000	15	60
7	TPP 15-118A-Jzzzzzzzz	Open flame type		18	834	15.012	60
8	TPP 15-124A-Jzzzzzzzz	Open flame type		24	625	15	70
9	TPP 15-128A-Jzzzzzzzz	Open flame type		28	536	15.008	60
10	TPP 15-136A-Jzzzzzzzz	Open flame type		36	417	15.012	60
11	TPP 15-148A-Jzzzzzzzz	Open flame type		48	313	15.024	60
12	TPP 15-153A-Jzzzzzzzz	Open flame type		53	284	15.052	60
13	TPP 15-103A-Mzzzzzzzz	Open flame type		3.3	4000	13.2	60
14	TPP 15-105A-Mzzzzzzzz	Open flame type		5	3000	15	60
15	TPP 15-107A-Mzzzzzzzz	Open flame type		7.5	2000	15	60
16	TPP 15-109A-Mzzzzzzzz	Open flame type		9	1670	15.03	60
17	TPP 15-112A-Mzzzzzzzz	Open flame type		12	1250	15	60
18	TPP 15-115A-Mzzzzzzzz	Open flame type		15	1000	15	60

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No:	Model name	Type	PCB	Output rating			ta (°C)
				Voltage (Vdc)	Current (mA)	Output Power (W)	
19	TPP 15-118A-Mzzzzzzzz	Open flame type	C	18	834	15.012	60
20	TPP 15-124A-Mzzzzzzzz	Open flame type		24	625	15	70
21	TPP 15-128A-Mzzzzzzzz	Open flame type		28	536	15.008	60
22	TPP 15-136A-Mzzzzzzzz	Open flame type		36	417	15.012	60
23	TPP 15-148A-Mzzzzzzzz	Open flame type		48	313	15.024	60
24	TPP 15-153A-Mzzzzzzzz	Open flame type		53	284	15.052	60
25	TPP 15-103A-Dzzzzzzzz	Open flame type	A	3.3	4000	13.2	60
26	TPP 15-105A-Dzzzzzzzz	Open flame type		5	3000	15	60
27	TPP 15-107A-Dzzzzzzzz	Open flame type		7.5	2000	15	60
28	TPP 15-109A-Dzzzzzzzz	Open flame type		9	1670	15.03	60
29	TPP 15-112A-Dzzzzzzzz	Open flame type		12	1250	15	60
30	TPP 15-115A-Dzzzzzzzz	Open flame type		15	1000	15	60
31	TPP 15-118A-Dzzzzzzzz	Open flame type		18	834	15.012	60
32	TPP 15-124A-Dzzzzzzzz	Open flame type		24	625	15	70
33	TPP 15-128A-Dzzzzzzzz	Open flame type		28	536	15.008	60
34	TPP 15-136A-Dzzzzzzzz	Open flame type		36	417	15.012	60
35	TPP 15-148A-Dzzzzzzzz	Open flame type		48	313	15.024	60
36	TPP 15-153A-Dzzzzzzzz	Open flame type		53	284	15.052	60
37	TPP 15-103Azzzzzzzz	Open flame type	C	3.3	4000	13.2	60
38	TPP 15-105Azzzzzzzz	Open flame type		5	3000	15	60
39	TPP 15-107Azzzzzzzz	Open flame type		7.5	2000	15	60
40	TPP 15-109Azzzzzzzz	Open flame type		9	1670	15.03	60
41	TPP 15-112Azzzzzzzz	Open flame type		12	1250	15	60
42	TPP 15-115Azzzzzzzz	Open flame type		15	1000	15	60
43	TPP 15-118Azzzzzzzz	Open flame type		18	834	15.012	60
44	TPP 15-124Azzzzzzzz	Open flame type		24	625	15	70
45	TPP 15-128Azzzzzzzz	Open flame type		28	536	15.008	60

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No:	Model name	Type	PCB	Output rating			ta (°C)
				Voltage	Current	Output Power	
				(Vdc)	(mA)	(W)	
46	TPP 15-136Azzzzzzzz	Open flame type	C	36	417	15.012	60
47	TPP 15-148Azzzzzzzz	Open flame type		48	313	15.024	60
48	TPP 15-153Azzzzzzzz	Open flame type		53	284	15.052	60
49	TPP 15-103-Jzzzzzzzz	Encapsulated type		3.3	4000	13.2	65
50	TPP 15-105-Jzzzzzzzz	Encapsulated type		5	3000	15	65
51	TPP 15-107-Jzzzzzzzz	Encapsulated type		7.5	2000	15	65
52	TPP 15-109-Jzzzzzzzz	Encapsulated type		9	1670	15.03	65
53	TPP 15-112-Jzzzzzzzz	Encapsulated type		12	1250	15	65
54	TPP 15-115-Jzzzzzzzz	Encapsulated type		15	1000	15	65
55	TPP 15-118-Jzzzzzzzz	Encapsulated type		18	834	15.012	65
56	TPP 15-124-Jzzzzzzzz	Encapsulated type		24	625	15	70
57	TPP 15-128-Jzzzzzzzz	Encapsulated type		28	536	15.008	65
58	TPP 15-136-Jzzzzzzzz	Encapsulated type		36	417	15.012	65
59	TPP 15-148-Jzzzzzzzz	Encapsulated type		48	313	15.024	65
60	TPP 15-153-Jzzzzzzzz	Encapsulated type		53	284	15.052	65
61	TPP 15-103-Dzzzzzzzz	Encapsulated type	A	3.3	4000	13.2	65
62	TPP 15-105-Dzzzzzzzz	Encapsulated type		5	3000	15	65
63	TPP 15-107-Dzzzzzzzz	Encapsulated type		7.5	2000	15	65
64	TPP 15-109-Dzzzzzzzz	Encapsulated type		9	1670	15.03	65
65	TPP 15-112-Dzzzzzzzz	Encapsulated type		12	1250	15	65
66	TPP 15-115-Dzzzzzzzz	Encapsulated type		15	1000	15	65
67	TPP 15-118-Dzzzzzzzz	Encapsulated type		18	834	15.012	65
68	TPP 15-124-Dzzzzzzzz	Encapsulated type		24	625	15	70
69	TPP 15-128-Dzzzzzzzz	Encapsulated type		28	536	15.008	65
70	TPP 15-136-Dzzzzzzzz	Encapsulated type		36	417	15.012	65
71	TPP 15-148-Dzzzzzzzz	Encapsulated type		48	313	15.024	65
72	TPP 15-153-Dzzzzzzzz	Encapsulated type		53	284	15.052	65

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No:	Model name	Type	PCB	Output rating			ta (°C)
				Voltage (Vdc)	Current (mA)	Output Power (W)	
73	TPP 15-103zzzzzzzz	Encapsulated type	B	3.3	4000	13.2	65
74	TPP 15-105zzzzzzzz	Encapsulated type		5	3000	15	65
75	TPP 15-107zzzzzzzz	Encapsulated type		7.5	2000	15	65
76	TPP 15-109zzzzzzzz	Encapsulated type		9	1670	15.03	65
77	TPP 15-112zzzzzzzz	Encapsulated type		12	1250	15	65
78	TPP 15-115zzzzzzzz	Encapsulated type		15	1000	15	65
79	TPP 15-118zzzzzzzz	Encapsulated type		18	834	15.012	65
80	TPP 15-124zzzzzzzz	Encapsulated type		24	625	15	70
81	TPP 15-128zzzzzzzz	Encapsulated type		28	536	15.008	65
82	TPP 15-136zzzzzzzz	Encapsulated type		36	417	15.012	65
83	TPP 15-148zzzzzzzz	Encapsulated type		48	313	15.024	65
84	TPP 15-153zzzzzzzz	Encapsulated type		53	284	15.052	65
85	TPP 15-103-Mzzzzzzzz	Encapsulated type		3.3	4000	13.2	65
86	TPP 15-105-Mzzzzzzzz	Encapsulated type		5	3000	15	65
87	TPP 15-107-Mzzzzzzzz	Encapsulated type		7.5	2000	15	65
88	TPP 15-109-Mzzzzzzzz	Encapsulated type		9	1670	15.03	65
89	TPP 15-112-Mzzzzzzzz	Encapsulated type		12	1250	15	65
90	TPP 15-115-Mzzzzzzzz	Encapsulated type		15	1000	15	65
91	TPP 15-118-Mzzzzzzzz	Encapsulated type		18	834	15.012	65
92	TPP 15-124-Mzzzzzzzz	Encapsulated type		24	625	15	70
93	TPP 15-128-Mzzzzzzzz	Encapsulated type		28	536	15.008	65
94	TPP 15-136-Mzzzzzzzz	Encapsulated type		36	417	15.012	65
95	TPP 15-148-Mzzzzzzzz	Encapsulated type		48	313	15.024	65
96	TPP 15-153-Mzzzzzzzz	Encapsulated type		53	284	15.052	65
97	TPP 15-103A2-Jzzzzzzzz	Din rail type		3.3	4000	13.2	65
98	TPP 15-105A2-Jzzzzzzzz	Din rail type		5	3000	15	65
99	TPP 15-107A2-Jzzzzzzzz	Din rail type		7.5	2000	15	65

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				Voltage (Vdc)	Current (mA)	Output Power (W)	
100	TPP 15-109A2-Jzzzzzzzz	Din rail type	B	9	1670	15.03	65
101	TPP 15-112A2-Jzzzzzzzz	Din rail type		12	1250	15	65
102	TPP 15-115A2-Jzzzzzzzz	Din rail type		15	1000	15	65
103	TPP 15-118A2-Jzzzzzzzz	Din rail type		18	834	15.012	65
104	TPP 15-124A2-Jzzzzzzzz	Din rail type		24	625	15	65
105	TPP 15-128A2-Jzzzzzzzz	Din rail type		28	536	15.008	65
106	TPP 15-136A2-Jzzzzzzzz	Din rail type		36	417	15.012	65
107	TPP 15-148A2-Jzzzzzzzz	Din rail type		48	313	15.024	65
108	TPP 15-153A2-Jzzzzzzzz	Din rail type		53	284	15.052	65
109	TPP 15-103A2-zzzzzzzzz	Din rail type		3.3	4000	13.2	65
110	TPP 15-105A2-zzzzzzzzz	Din rail type		5	3000	15	65
111	TPP 15-107A2-zzzzzzzzz	Din rail type		7.5	2000	15	65
112	TPP 15-109A2-zzzzzzzzz	Din rail type		9	1670	15.03	65
113	TPP 15-112A2-zzzzzzzzz	Din rail type		12	1250	15	65
114	TPP 15-115A2-zzzzzzzzz	Din rail type		15	1000	15	65
115	TPP 15-118A2-zzzzzzzzz	Din rail type		18	834	15.012	65
116	TPP 15-124A2-zzzzzzzzz	Din rail type		24	625	15	65
117	TPP 15-128A2-zzzzzzzzz	Din rail type		28	536	15.008	65
118	TPP 15-136A2-zzzzzzzzz	Din rail type		36	417	15.012	65
119	TPP 15-148A2-zzzzzzzzz	Din rail type		48	313	15.024	65
120	TPP 15-153A2-zzzzzzzzz	Din rail type		53	284	15.052	65
121	TPP 15-103A2-Mzzzzzzzz	Din rail type		3.3	4000	13.2	65
122	TPP 15-105A2-Mzzzzzzzz	Din rail type		5	3000	15	65
123	TPP 15-107A2-Mzzzzzzzz	Din rail type		7.5	2000	15	65
124	TPP 15-109A2-Mzzzzzzzz	Din rail type		9	1670	15.03	65
125	TPP 15-112A2-Mzzzzzzzz	Din rail type		12	1250	15	65
126	TPP 15-115A2-Mzzzzzzzz	Din rail type		15	1000	15	65

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No:	Model name	Type	PCB	Output rating			ta (°C)
				Voltage (Vdc)	Current (mA)	Output Power (W)	
127	TPP 15-118A2-Mzzzzzzzz	Din rail type	B	18	834	15.012	65
128	TPP 15-124A2-Mzzzzzzzz	Din rail type		24	625	15	65
129	TPP 15-128A2-Mzzzzzzzz	Din rail type		28	536	15.008	65
130	TPP 15-136A2-Mzzzzzzzz	Din rail type		36	417	15.012	65
131	TPP 15-148A2-Mzzzzzzzz	Din rail type		48	313	15.024	65
132	TPP 15-153A2-Mzzzzzzzz	Din rail type		53	284	15.052	65
133	TPP 15-103A2-Dzzzzzzzz	Din rail type		3.3	4000	13.2	65
134	TPP 15-105A2-Dzzzzzzzz	Din rail type		5	3000	15	65
135	TPP 15-107A2-Dzzzzzzzz	Din rail type		7.5	2000	15	65
136	TPP 15-109A2-Dzzzzzzzz	Din rail type		9	1670	15.03	65
137	TPP 15-112A2-Dzzzzzzzz	Din rail type		12	1250	15	65
138	TPP 15-115A2-Dzzzzzzzz	Din rail type		15	1000	15	65
139	TPP 15-118A2-Dzzzzzzzz	Din rail type		18	834	15.012	65
140	TPP 15-124A2-Dzzzzzzzz	Din rail type		24	625	15	65
141	TPP 15-128A2-Dzzzzzzzz	Din rail type		28	536	15.008	65
142	TPP 15-136A2-Dzzzzzzzz	Din rail type		36	417	15.012	65
143	TPP 15-148A2-Dzzzzzzzz	Din rail type		48	313	15.024	65
144	TPP 15-153A2-Dzzzzzzzz	Din rail type		53	284	15.052	65

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