



Flyback converters for Switch Mode Power Supplies

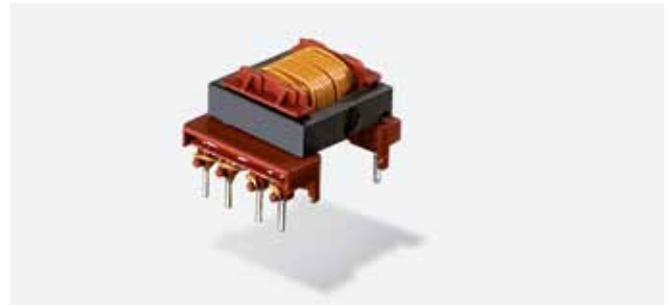
EF16/5

Output Power: 5–7 W

Report of passed Glow-Wire-Test	DIN EN 60335-1, clause 30.2.3.1 and 30.2.3.2	102961/84814
	UL 1446	E237745

- according to REACH regulation
- according to RoHS regulation

Further certifications / approvals on request!



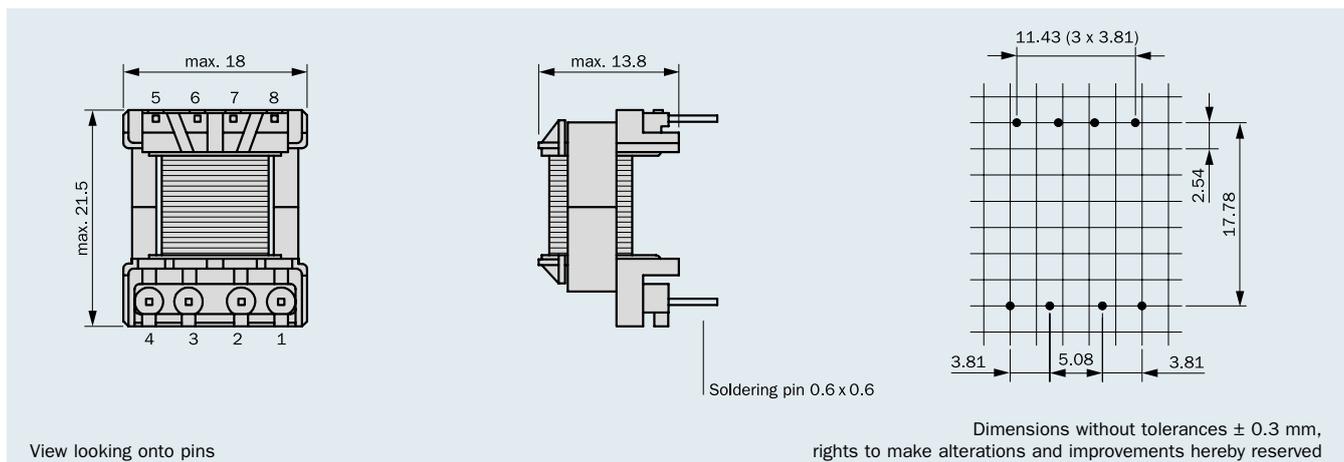
Technical Specifications

- Construction to DIN EN 61 558, DIN EN 60 950
- Creeping distance 8 mm min.
- 100% unleaded
- UL listed materials
- Insulating material classification B (130 °C)
- Two outputs for connection in parallel or in series (*)

100 % piece inspection

- Inductance
- Turns ratio
- Winding direction
- Voltage resistance (50 Hz/1 s)

Connecting pins



Connection scheme (only connected pins are present)





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5 W	Order No.	Primary voltage V	Connecting pins prim.	Secondary voltage IV	Current sec. I mA	Connecting pins sec. I	Secondary voltage II V	Current sec. II mA	Connecting pins sec. II
TinySwitch-II® Product family TNY 264	V 50100*	85 – 265	5 – 8	3	830	1 – 4	3	830	2 – 3
	V 50101*	85 – 265	5 – 8	9	280	1 – 4	9	280	2 – 3
	V 50102*	85 – 265	5 – 8	12	210	1 – 4	12	210	2 – 3
	V 50103*	85 – 265	5 – 8	15	170	1 – 4	15	170	2 – 3

* Two outputs for connection in parallel or in series

5 W	Order No.	Primary voltage V	Connecting pins prim.	Secondary voltage IV	Current sec. I mA	Connecting pins sec. I	Secondary voltage II V	Current sec. II mA	Connecting pins sec. II
TinySwitch-II® Product family TNY 266	V 50104	85 – 265	5 – 8	12	390	1 – 2	3.3	100	3 – 4
	V 50105	85 – 265	5 – 8	24	195	1 – 2	3.3	100	3 – 4
	V 50106	85 – 265	5 – 8	12	375	1 – 2	5	100	3 – 4
	V 50107	85 – 265	5 – 8	24	187	1 – 2	5	100	3 – 4

7 W	Order No.	Primary voltage V	Connecting pins prim.	Secondary voltage IV	Current sec. I mA	Connecting pins sec. I	Secondary voltage II V	Current sec. II mA	Connecting pins sec. II
TinySwitch-III® Product family TNY 276	V 50110*	85 – 265	5 – 8	3	1170	1 – 4	3	1170	2 – 3
	V 50111*	85 – 265	5 – 8	9	390	1 – 4	9	390	2 – 3
	V 50112*	85 – 265	5 – 8	12	290	1 – 4	12	290	2 – 3
	V 50113*	85 – 265	5 – 8	15	230	1 – 4	15	230	2 – 3

* Two outputs for connection in parallel or in series

7 W	Order No.	Primary voltage V	Connecting pins prim.	Secondary voltage IV	Current sec. I mA	Connecting pins sec. I	Secondary voltage II V	Current sec. II mA	Connecting pins sec. II
TinySwitch-III® Product family TNY 276	V 50114	85 – 265	5 – 8	12	555	1 – 2	3.3	100	3 – 4
	V 50115	85 – 265	5 – 8	24	277	1 – 2	3.3	100	3 – 4
	V 50116	85 – 265	5 – 8	12	540	1 – 2	5	100	3 – 4
	V 50117	85 – 265	5 – 8	24	270	1 – 2	5	100	3 – 4