



EE16/7/4 Offline Transformers

Characteristics:

- Nominal input voltage: 125–375 VDC
- Output power 3 W and 9 W
- Operating temperature: –40 °C to +125 °C
- Clearance and creepage distance 6 mm min.
- Isolation voltage 4 kVAC, 1 Minute
- Design compliant to EN 61558-2-16: Reinforced insulation; except 749 118 10 xx: Basic insulation

Options:

- Packaging: Bulk is Standard
- Tolerance: 25% is Standard

Common Applications:

- Designed for Tiny Switch ICs from Power Integration and NCP101x or 105x of ON Semiconductor
- For SMPS with universal input from 85 VAC up to 265 VAC

Physical Properties

Order Code	V _{Out1} (V)	I _{Out1} (A)	V _{Out2} (V)	I _{Out2} (A)	Inductance (mH)	Switching Frequency	Turns Ratio	Leakage Inductance[min.] (μH)	Saturation Current (A)	R _{DC 1} (Ω)	R _{DC 2} (Ω)	R _{DC 3} (mΩ)	Leakage Inductance (μH)
INF-EE16/7/4-175μH	5	0.9	5	0.9	0.9	132	19:1:1	175	0.85	4.3	0.026	26	175
INF-EE16/7/4-145μH	12	0.35	12	0.35	0.9	132	9.5:1:1	145	0.8	4.3	0.075	85	145
INF-EE16/7/4-145μH	24	0.4	–	–	0.9	132	4.4:1	145	0.8	4.3	0.21	–	145

Technical Specifications

