

SCS 74015 SERIES 6-12W E16 -3 OUTPUT FLYBACK TRANSFORMERS



FEATURES

Primary / Secondary Insulation $\geq 4000V$
 Creepage distances
 Primary/secondary $\geq 6mm$

Bulk packaging is standard
 Custom design available

AC-DC converters
 DC-DC converters
 Switch Power supplies
 SMPS: Flyback, Forward and Push-pull
 SMPS: Half Bridge and Full Bridge



Additional information:

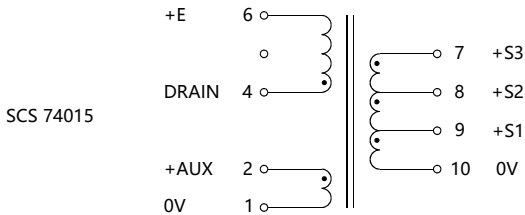
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We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them. New approvals may be required.

TECHNICAL INFORMATION

- Ambient temperature $< 50^{\circ}C$
- Construction confirms to CEI950, CEI335, CEI61558 for reinforced insulation
- Exclusively uses UL94-VO listed materials



Note: PIN 3 Removed, PCB Drilling Diameter = 1.1mm

ELECTRICAL CHARACTERISTICS AT 25°C

Control IC Manufacturer	Control IC P/N	Input voltage	Power	Frequency
Power Integrations	TNY266	185-265Vrms	10 w	132 kHz
Power Integrations	TNY266	85-265Vrms	8 w	132 kHz
Power Integrations	TNY242P	185-265Vrms	12 w	132 kHz
Power Integrations	TNY242P	85-265Vrms	9 w	132 kHz

SIZE E16 - 3 OUTPUTS : 5 & 12V - FLYBACK TRANSFORMER

Part Number	Output Power max	Pins	Turns	Windings			
				Voltage	Current max	Inductance (+/-10%)	
SCS 74015	12W	Pri	4-6	120	110(VOR)	0.5 Apeak	
		Aux	2-1	14	12 Vdc	0.2 Adc	
		S1	9-10	6	5 Vdc	1.5 Adc	1800μH
		S2	8-10	17	15 Vdc	0.6 Adc	
		S3	7-10	27	24 Vdc	0.4 Adc	

Note: Regulation with auxiliary winding

PHYSICAL CHARACTERISTICS(unit:mm)

