

SCS 74014 SERIES 6-12W E16 -2 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:
 We reserve the right to make technical changes or modify the contents of this document without prior notice.
 SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.
 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.



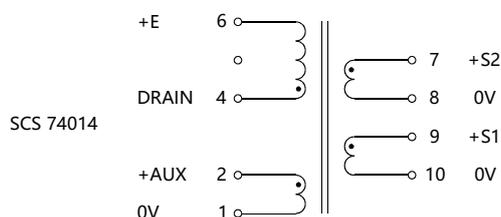
TECHNICAL INFORMATION

- Ambient temperature $< 50^{\circ}C$
- Construction confirms to CEI950, CEI335, CEI61558 for reinforced insulation
- Exclusively uses UL94-VO listed materials
- Typical outputs : + 24V 0.5A with S1 - S2 in parallel
- + 48V 0.25A with S1 - S2 in series (8-9 connected)
- + 15V / -15V 0.4A with pins 8-9 connected to 0V

ELECTRICAL CHARACTERISTICS AT 25°C

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

SIZE E16 - 2 OUTPUTS : 5 & 12V - FLYBACK TRANSFORMER



Part Number	Output Power max	Windings			Current max	Inductance (+/-10%)
		Pins	Turns	Voltage		
SCS 74014	12W	Pri	4-6	120	70-140(VOR)	0.5 Apeak
		Aux	2-1	17	9-18 Vdc	0.2 Adc
		S1	9-10	27	15-30 Vdc	0.4 Adc
		S2	7-8	27	15-30 Vdc	0.4 Adc

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

Note: Regulation with auxiliary winding

PHYSICAL CHARACTERISTICS(unit:mm)

