



POWER SUPPLIES CLASS II SC SERIES

FEATURES

- Compact magnetic transformer
- Input voltage: 120V AC (use SC series) and 277V AC (use SCH series)
- Single and multiple 12V or 24V AC output
- Secondary requirements meet NEC Article 411
- Rain-tight enclosure available for wet or damp locations

ENVIRONMENTAL

- Heat dissipation: convection
- Operating temperature: -30° C to +60° C
- Storage not an issue at any temperature

ELECTRICAL DATA

- No start-up delay
- Short circuit protection provided by breakers
- Circuit maximum load: 4A (24V) or 5A (12V)

SAFETY AND COMPLIANCE

- Inherently protected isolation transformer per NEC Article 411
- ETL listed for both indoor and outdoor use



MECHANICAL SPECIFICATION

- 18 gauge NEMA 3R enclosure welded steel with 8 knockouts
- Enclosure encapsulated for long life and quiet operation
- Wall and ceiling surface mount with sufficient air-flow space
- Mounting and connection: Bracket mount, AC/AC conduit entries and 1/2" knockouts for conduit and fittings



CLASS II TRANSFORMER

**120 Volt AC standard input, uses series SC transformer - 277 Volt AC standard input, uses series SCH transformer

ORDERING INFORMATION

DESCRIPTION	CAT. NO.	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX. LOAD	CIRCUIT CAPACITY	DIMENSION
SC Series Class I Transformer	SC-300-1-25-12-A SCH-300-1-25-12-A	INDOOR/ OUTDOOR	120V AC 277V AC	12V AC	1	300W	25A	5.63"W x 5.25"H x 8.25"D
	SC-600-2-25-12-A SCH-600-2-25-12-A		2		600W	25A	5.63"W x 5.25"H x 10.25"D	
	SC-1000-3-25-12-A SCH-1000-3-25-12-A		3		1000W	25A	5.63"W x 5.25"H x 10.25"D	
	SC-300-1-12-24-A SCH-300-1-12-24-A	INDOOR/ OUTDOOR	120V AC 277V AC	24V AC	1	300W	12A	5.63"W x 5.25"H x 8.25"D
			SC-600-2-12-24-A SCH-600-2-12-24-A		2	600W	12A	5.63"W x 5.25"H x 10.25"D
			SC-1000-3-12-24-A SCH-1000-3-12-24-A		3	1000W	12A	5.63"W x 5.25"H x 10.25"D
			SC-1200-4-12-24-A		4	1200W	12A	5.63"W x 5.25"H x 10.25"D
SC Series Class II Transformer	SC-150-2-5-12-A SCH-250-4-5-12-A	INDOOR/ OUTDOOR	120V AC	12V AC	2	150W	5A	4.88" W X 4.63" L X 6.75" D
	SC-250-4-5-12-A SCH-250-4-5-12-A		4		250W	5A	4.88" W X 4.63" L X 6.75" D	
	SC-300-5-5-12-A SCH-300-5-5-12-A	INDOOR/ OUTDOOR	120V AC 277V AC	24V AC	5	300W	5A	4.88" W X 4.63" L X 6.75" D
	SC-100-1-4-24-A		1		100W	4A	4.88"W x 4.63"H x 6.75"D	
	SC-300-3-4-24-A SCH-300-3-4-24-A		3		300W	4A	5.63"W x 5.25"H x 8.25"D	
	SC-500-5-4-24-A SCH-500-5-4-24-A		5		500W	4A	5.63"W x 5.25"H x 10.25"D	

PRODUCT POWER SUPPLY PART # TOTAL WATTAGE LOAD

COVE LIGHTING

PRODUCT	POWER SUPPLY PART #	TOTAL WATTAGE LOAD
COVELUM FESTOON XENON Requires 24VAC Power Supply	SC-300-1-12-24-A	300W
	SCH-300-1-12-24-A	300W
	SC-600-2-12-24-A	600W
	SCH-600-2-12-24-A	600W
	SC-1000-3-12-24-A	1000W
	SCH-1000-3-12-24-A	1000W
	SC-1200-4-12-24-A	1200W

PRODUCT POWER SUPPLY PART # TOTAL WATTAGE LOAD

TUBE LIGHTING

PRODUCT	POWER SUPPLY PART #	TOTAL WATTAGE LOAD
INCANDESCENT FASTUBE Requires 24VAC Power Supply	SC-100-1-4-24-A	100W
	SC-300-3-4-24-A	300W
	SCH-300-3-4-24-A	300W
	SC-500-5-4-24-A	500W
	SCH-500-5-4-24-A	500W

POWER SUPPLIES

SC SERIES



PRODUCT	POWER SUPPLY PART #	TOTAL WATTAGE LOAD
STRAND LIGHTING		
ARCHITECTURAL CHANNEL CD SERIES LED Requires 24VAC Power Supply	SC-300-1-12-24-A	300W
	SCH-300-1-12-24-A	300W
	SC-600-2-12-24-A	600W
	SCH-600-2-12-24-A	600W
	SC-1000-3-12-24-A	1000W
	SCH-1000-3-12-24-A	1000W
	SC-1200-4-12-24-A	1200W
LITESPHERE XENON Requires 24VAC Power Supply	SC-300-1-12-24-A	300W
	SCH-300-1-12-24-A	300W
	SC-600-2-12-24-A	600W
	SCH-600-2-12-24-A	600W
	SC-1000-3-12-24-A	1000W
	SCH-1000-3-12-24-A	1000W
ARCHITECTURAL CHANNEL LS SERIES XENON Requires 24VAC Power Supply	SC-300-1-12-24-A	300W
	SCH-300-1-12-24-A	300W
	SC-600-2-12-24-A	600W
	SCH-600-2-12-24-A	600W
	SC-1000-3-12-24-A	1000W
	SCH-1000-3-12-24-A	1000W
ARCHITECTURAL CHANNEL MR SERIES Requires 12VAC Power Supply	SC-300-1-25-12-A	300W
	SCH-300-1-25-12-A	300W
	SC-600-2-25-12-A	600W
	SCH-600-2-25-12-A	600W
	SC-1000-3-25-12-A	1000W
	SCH-1000-3-25-12-A	1000W

PRODUCT	POWER SUPPLY PART #	TOTAL WATTAGE LOAD
SPECIALTY LIGHTING		
TIVOLED MR SERIES Requires 12VAC Power Supply	SC-300-1-25-12-A	300W
	SCH-300-1-25-12-A	300W
	SC-600-2-25-12-A	600W
	SCH-600-2-25-12-A	600W
	SC-1000-3-25-12-A	1000W
	SCH-1000-3-25-12-A	1000W
TIVOLITES Requires 24VAC Power Supply	SC-300-1-12-12-A	300W
	SCH-300-1-12-12-A	300W
	SC-600-2-12-12-A	600W
	SCH-600-2-12-12-A	600W

PRODUCT	POWER SUPPLY PART #	TOTAL WATTAGE LOAD
SEAT LIGHTING		
BEACON SEAT LIGHT Requires 12VAC Power Supply	SC-150-2-5-12-A	150W
	SC-250-4-5-12-A	250W
	SC-300-5-5-12-A	300W
	SCH-300-5-5-12-A	300W

DIMMERS

AC MAGNETIC DIMMER (STEPPED DIMMING CONTROL)

DESCRIPTION	CAT. NO.	TYPE	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE	BREAKER RATING
AC Magnetic Dimmer	N-600	AC Magnetic	120V AC	120V AC	450W Max.	N/A
	N-1000				800W Max.	
	N-1500				1200W Max.	
	NH-600		277V AC	277V AC	450W Max.	
	NH-1000				800W Max.	

TYPICAL CONFIGURATION

Dimmer on Transformer primary

