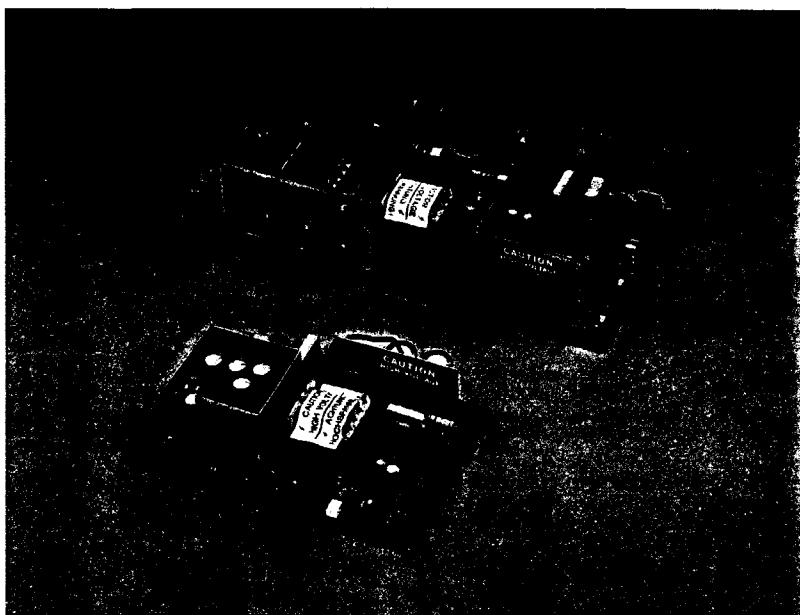


SDM/SDS SWITCHERS



FEATURES:

- 29 multi-output, 20 single-output models — 5 power levels, 45 to 200 watts
- IEC, VDE, UL, CSA approved
- Meets the toughest domestic and international safety requirements, 4000 VAC isolation and all VDE spacings
- Meets the most stringent domestic and international EMI requirements, FCC Class B and VDE 0871 Class B (down to 150 KHz)
- Choice of tightly regulated or high peak current auxiliary outputs
- Extremely versatile output configurations for varied applications
- LED "ON" indicator simplifies system troubleshooting
- Superior light load operation without audible noise
- Industry standard packages with extra power
- Multi-output — up to 5 outputs
- Powerfail and logic inhibit on 140-watt and 200-watt multi-output units
- Worldwide AC input ranges 90-132/180-264 VAC
- Full load burn-in and 2-year warranty

SPECIFICATIONS:

AC Input:	90-132/180-264 VAC, user selectable, 47-63 Hz single phase.	Overvoltage Protection (SDM Series):	Built-in on +5V outputs with firing point set at 6.2V \pm 0.6VDC.
DC Outputs:	See output rating chart.	Overvoltage Protection (SDS Series):	Built-in on all units, with firing point set as follows: 5V Units = 6.2V \pm 0.6V; 12V Units = 14V \pm 1.0V; 15V Units = 19V \pm 1.5V; 24V Units = 28V \pm 2.2V.
Hold Up Time:	20 mS minimum @ full load and nominal input voltage.	Voltage Adjustment (SDM Series):	Built-in potentiometer adjusts voltage from 4.5V to overvoltage firing point (6.2V nominal).
Powerfail Signal:	TTL- or CMOS-compatible signal goes low 8 mS before output drops out of regulation due to loss of AC power. This signal is provided on the SDM/SDS140 and SDM/SDS200 models only.	Voltage Adjustment (SDS Series):	Built-in potentiometer adjusts voltage from -10% of nominal to overvoltage firing point.
Logic Inhibit Input:	The output voltages are inhibited to less than 1.3 VDC when this TTL-compatible is driven high. This input is provided on the SDM/SDS140 and SDM/SDS200 models only.	Current Limit Adjustment:	Built-in potentiometer set to begin current limiting at the following peak power outputs minimum under nominal line conditions: SDM45: 58 watts SDM140: 175 watts SDM80: 100 watts SDM200: 250 watts SDM110: 138 watts SDS units at 125% of rated current.
Output Regulation (SDM Series):	See output rating chart for individual output regulation ratings. Regulation ratings shown are for combined line and load variations with the line varied from either 90-132 or 180-264 VAC and the load on the output under test varied from 50% to either 20% or 100% with the other loads held constant at 50%.	Efficiency:	70% \pm 5% depending on model and load distribution. Measured at 100% of rated power.
Output Regulation (SDS Series):	\pm 0.1% for combined line and load variations with the line varied from either 90-132 or 180-264 VAC and the load varied from 5% to 100%.	Overshoot:	No output overshoot on turn-on or turn-off.
Minimum Load:	A minimum load is required on the +5V output to maintain proper operation of the other outputs. Minimum loads: SDM45: 2A SDM140: 4A SDM80: 2A SDM200: 6A SDM110: 3A	Overload Protection:	Fully protected against output overload and short circuit. Automatic recovery after removal of fault.
	Operation down to no load will not cause damage, and the +5V output will generally remain within regulation.	Reverse Voltage Protection:	All outputs protected against inadvertent application of reverse voltage.
Output Noise and Ripple:	0.3% RMS, 1.0% P-P maximum on all outputs.	Input Protection:	Internal AC fuse provided on all units.
Transient Response:	500 microseconds typical response time for a 50% to 100% or 100% to 50% load change. Maximum voltage deviation: \pm 4.0%. (+5V output only on SDM models.)	Inrush Current:	Inrush current is limited by an internal thermistor for maximum protection of input rectifiers.
Temperature Coefficient:	0.03%/ $^{\circ}$ C for all outputs.	Temperature Rating:	0 to +50 $^{\circ}$ C at full rated output power, with natural convection cooling in a non-restricted environment. For operation in a confined space, moving air is recommended. For operation above 50 $^{\circ}$ C, it is important that the cooling vs. loading profile is such that the heat sinks do not operate above 90 $^{\circ}$ C for extended periods.

SDM/SDS SWITCHERS

45 WATTS (58W PK)						110 WATTS (138W PK)							
Model	Output	Voltage	Current	Initial Setting (+/-)	Output Regulation (+/-)	Notes	Model	Output	Voltage	Current	Initial Setting (+/-)	Output Regulation (+/-)	Notes
SDM 45A	1	+ 5V	5.0A	ADJ.	1.5%	B	SDM 110A	1	+ 5V	12.0A	ADJ.	0.5%	A
	2	+ 12V	2.0A (4.0A PK)	3.0%	1.5%	B		2	+ 12V	3.0A (5.0A PK)	3.0%	3.0%	D
	3	- 12V	1.0A	4.0%	1.0%	C		3	12V (ISO)	3.0A (5.0A PK)	3.0%	3.0%	D, E
SDM 45B	1	+ 5V	5.0A	ADJ.	0.5%	A		4	- 12V	3.0A	3.0%	3.0%	D
	2	+ 12V	1.0A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
	3	- 12V	1.0A	4.0%	1.0%	C	SDM 110B	1	+ 5V	12.0A	ADJ.	1.5%	B, G
SDM 45F	1	+ 5V	5.0A	ADJ.	0.5%	A		2	+ 12V	3.0A (5.0A PK)	3.0%	1.5%	B, G
	2	+ 15V	1.0A	4.0%	1.0%	C		3	12V (ISO)	3.0A (5.0A PK)	3.0%	3.0%	D, E
	3	- 15V	1.0A	4.0%	1.0%	C		4	- 12V	1.0A	4.0%	1.0%	C
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
80 WATTS (100W PK)						110 WATTS (138W PK)							
SDM 80A	1	+ 5V	9.0A	ADJ.	0.5%	A	SDM 110C	1	+ 5V	12.0A	ADJ.	0.5%	A
	2	+ 12V	3.0A (5.0A PK)	3.0%	3.0%	D		2	+ 12V	3.0A (5.0A PK)	3.0%	3.0%	D
	3	- 12V	2.0A	3.0%	3.0%	D		3	12V (ISO)	1.0A	4.0%	1.0%	C, E
	4	- 5V	0.6A	4.0%	1.0%	C		4	- 12V	1.0A	4.0%	1.0%	C
SDM 80B	1	+ 5V	9.0A	ADJ.	1.5%	B, F		5	- 5V	0.6A	4.0%	1.0%	C
	2	+ 12V	3.0A (5.0A PK)	3.0%	1.5%	B, F	SDM 110D	1	+ 5V	12.0A	ADJ.	0.5%	A
	3	- 12V	1.0A	4.0%	1.0%	C		2	+ 12V	3.0A (5.0A PK)	3.0%	3.0%	D
	4	- 5V	0.6A	4.0%	1.0%	C		3	5V (ISO)	3.0A (May be paralleled with +5V for 15A)			D, E
SDM 80C	1	+ 5V	9.0A	ADJ.	0.5%	A		4	- 12V	1.0A	4.0%	1.0%	C
	2	+ 12V	1.0A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
	3	- 12V	1.0A	4.0%	1.0%	C	SDM 110E	1	+ 5V	10.0A	ADJ.	0.5%	A
	4	- 5V	0.6A	4.0%	1.0%	C		2	+ 15V	3.0A (5.0A PK)	4.0%	3.0%	D
SDM 80E	1	+ 5V	7.0A	ADJ.	0.5%	A		3	15V (ISO)	3.0A (5.0A PK)	4.0%	3.0%	D, E
	2	+ 15V	3.0A (5.0A PK)	4.0%	3.0%	D		4	- 15V	3.0A	4.0%	3.0%	D
	3	- 15V	2.0A	4.0%	3.0%	D		5	- 5V	0.6A	4.0%	1.0%	C
	4	- 5V	0.6A	4.0%	1.0%	C	SDM 110F	1	+ 5V	12.0A	ADJ.	0.5%	A
SDM 80F	1	+ 5V	9.0A	ADJ.	0.5%	A		2	+ 12V	3.0A (5.0A PK)	4.0%	3.0%	D
	2	+ 15V	1.0A	4.0%	1.0%	C		3	15V (ISO)	1.0A	4.0%	1.0%	C, E
	3	- 15V	1.0A	4.0%	1.0%	C		4	- 15V	1.0A	4.0%	1.0%	C
	4	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
140 WATTS (175W PK)						200 WATTS (250W PK)							
Model	Output	Voltage	Current	Initial Setting (+/-)	Output Regulation (+/-)	Notes	Model	Output	Voltage	Current	Initial Setting (+/-)	Output Regulation (+/-)	Notes
SDM 140A	1	+ 5V	15.0A	ADJ.	0.5%	A	SDM 200A	1	+ 5V	20.0A	ADJ.	0.5%	A
	2	+ 12V	3.0A (5.0A PK)	3.0%	3.0%	D		2	+ 12V	5.0A (8.0A PK)	3.0%	3.0%	D
	3	12V (ISO)	3.0A (5.0A PK)	3.0%	3.0%	D, E		3	12V (ISO)	5.0A (8.0A PK)	3.0%	3.0%	D, E
	4	- 12V	3.0A	3.0%	3.0%	D		4	- 12V	3.0A	3.0%	3.0%	D
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
SDM 140B	1	+ 5V	15.0A	ADJ.	1.5%	B, H	SDM 200B	1	+ 5V	20.0A	ADJ.	1.5%	B, J
	2	+ 12V	3.0A (5.0A PK)	3.0%	1.5%	B, H		2	+ 12V	5.0A (8.0A PK)	3.0%	1.5%	B, J
	3	12V (ISO)	3.0A (5.0A PK)	3.0%	3.0%	D, E		3	12V (ISO)	5.0A (8.0A PK)	3.0%	3.0%	D, E
	4	- 12V	1.0A	4.0%	1.0%	C		4	- 12V	1.2A	4.0%	1.0%	C
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
SDM 140C	1	+ 5V	15.0A	ADJ.	0.5%	A	SDM 200C	1	+ 5V	20.0A	ADJ.	0.5%	A
	2	+ 12V	3.0A (5.0A PK)	3.0%	3.0%	D		2	+ 12V	5.0A (8.0A PK)	3.0%	3.0%	D
	3	12V (ISO)	1.0A	4.0%	1.0%	C, E		3	12V (ISO)	1.2A	4.0%	1.0%	C, E
	4	- 12V	1.0A	4.0%	1.0%	C		4	- 12V	1.2A	4.0%	1.0%	C
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C

CONDOR D.C. Power Supplies, Inc.

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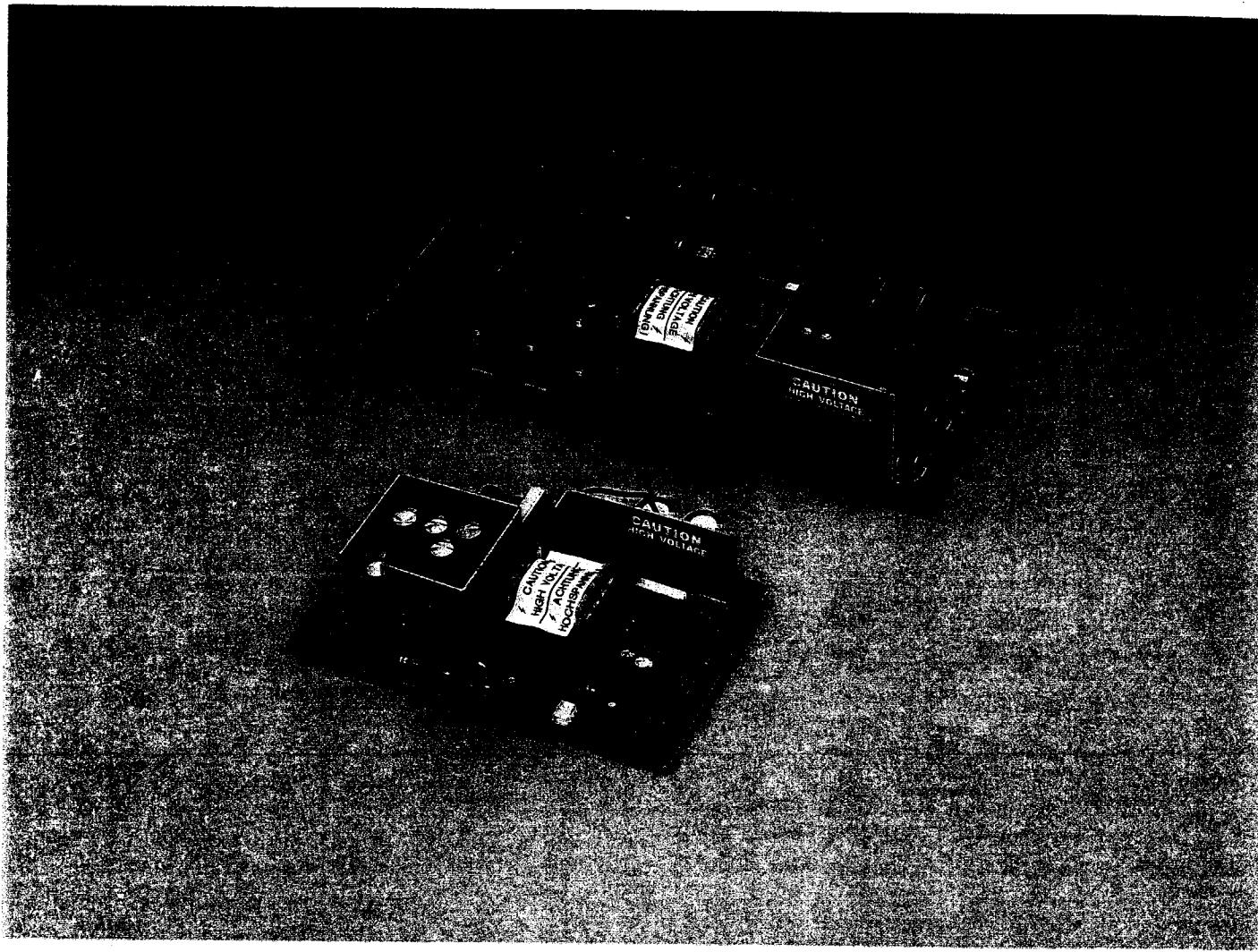
SDM/SDS SWITCHERS

140 WATTS (175W PK)						200 WATTS (250W PK)							
Model	Output	Voltage	Current	Initial Setting (+/-)	Output Regulation (+/-)	Notes	Model	Output	Voltage	Current	Initial Setting (+/-)	Output Regulation (+/-)	Notes
SDM-140A	1	+ 5V	15.0A	ADJ.	0.5%	A	SDM-200A	1	+ 5V	20.0A	ADJ.	0.5%	A
	2	+ 12V	3.0A (5.0A PK)	3.0%	3.0%	D		2	+ 12V	5.0A (8.0A PK)	3.0%	3.0%	D
	3	+ 12V (ISO)	3.0A (5.0A PK)	3.0%	3.0%	D, E		3	+ 12V (ISO)	5.0A (8.0A PK)	3.0%	3.0%	D
	4	- 12V	3.0A	3.0%	3.0%	D		4	- 12V	3.0A	3.0%	3.0%	C
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
SDM-140B	1	+ 5V	15.0A	ADJ.	1.5%	B, H	SDM-200B	1	+ 5V	20.0A	ADJ.	1.5%	B, J
	2	+ 12V	3.0A (5.0A PK)	3.0%	1.5%	B, H		2	+ 12V	5.0A (8.0A PK)	3.0%	1.5%	B, J
	3	+ 12V (ISO)	3.0A (5.0A PK)	3.0%	3.0%	D, E		3	+ 12V (ISO)	5.0A (8.0A PK)	3.0%	3.0%	D, E
	4	- 12V	1.0A	4.0%	1.0%	C		4	- 12V	1.2A	4.0%	1.0%	C
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
SDM-140C	1	+ 5V	15.0A	ADJ.	0.5%	A	SDM-200C	1	+ 5V	20.0A	ADJ.	0.5%	A
	2	+ 12V	3.0A (5.0A PK)	3.0%	3.0%	D		2	+ 12V	5.0A (8.0A PK)	3.0%	3.0%	D
	3	+ 12V (ISO)	1.0A	4.0%	1.0%	C, E		3	+ 12V (ISO)	1.2A	4.0%	1.0%	C, E
	4	- 12V	1.0A	4.0%	1.0%	C		4	- 12V	1.2A	4.0%	1.0%	C
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
SDM-140D	1	+ 5V	15.0A	ADJ.	0.5%	A	SDM-200D	1	+ 5V	20.0A	ADJ.	0.5%	A
	2	+ 12V	3.0A (5.0A PK)	3.0%	3.0%	D		2	+ 12V	5.0A (8.0A PK)	3.0%	3.0%	D
	3	+ 5V (ISO)	6.0A (May be paralleled with +5V for 21A)			D, E		3	+ 5V (ISO)	7.0A (May be paralleled with +5V for 27A)			E
	4	- 12V	1.0A	4.0%	1.0%	C		4	- 12V	1.2A	4.0%	1.0%	C
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
SDM-140E	1	+ 5V	12.0A	ADJ.	0.5%	A	SDM-200E	1	+ 5V	16.0A	ADJ.	0.5%	A
	2	+ 15V	3.0A (5.0A PK)	4.0%	3.0%	D		2	+ 15V	5.0A (8.0A PK)	4.0%	3.0%	D
	3	+ 15V (ISO)	3.0A (5.0A PK)	4.0%	3.0%	E		3	+ 15V (ISO)	5.0A (8.0A PK)	4.0%	3.0%	D
	4	- 15V	3.0A	4.0%	3.0%	D		4	- 15V	5.0A	4.0%	3.0%	C
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
SDM-140F	1	+ 5V	15.0A	ADJ.	0.5%	A	SDM-200F	1	+ 5V	20.0A	ADJ.	0.5%	A
	2	+ 12V	3.0A (5.0A PK)	4.0%	3.0%	C		2	+ 15V	1.0A	4.0%	1.0%	C
	3	+ 15V (ISO)	1.0A	4.0%	1.0%	D, E		3	+ 12V (ISO)	5.0A (8.0A PK)	3.0%	3.0%	D, E
	4	- 15V	1.0A	4.0%	1.0%	C		4	- 15V	1.0A	4.0%	1.0%	C
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C
SDM-140G	1	+ 5V	15.0A	ADJ.	0.5%	A	SDM-200G	1	+ 5V	20.0A	ADJ.	0.5%	A
	2	+ 12V	3.0A (5.0A PK)	3.0%	3.0%	D		2	+ 12V	5.0A (8.0A PK)	3.0%	3.0%	D
	3	+ 24V (ISO)	2.5A (4.0A PK)	5.0%	3.0%	E		3	+ 24V (ISO)	4.0A (6.0A PK)	5.0%	3.0%	E
	4	- 12V	3.0A	3.0%	3.0%	D		4	- 12V	5.0A	3.0%	3.0%	D
	5	- 5V	0.6A	4.0%	1.0%	C		5	- 5V	0.6A	4.0%	1.0%	C

NOTES:

- A. Fully regulated output. Voltage adjustable from 4.5V to OVP trip point. Initial setting of +5.0V is $\pm 1.0\%$.
- B. Dual-sensed regulated output. +5V and +12V outputs are sensed in combination to provide tighter regulation of the +12V output. An additional cross regulation factor of $\pm 2.0\%$ must be added in those applications where the main +5V output varies $\pm 25\%$. Initial setting of +5V output is $\pm 1.0\%$. A 20% minimum load is required on the 12V output.
- C. Fully regulated output utilizing fixed, 3-terminal regulator.
- D. Quasi-regulated output requires 20% minimum load to meet regulation specs. An additional cross-regulation factor of $\pm 3\%$ must be added in those applications where the main +5V output varies $\pm 25\%$.
- E. Fully isolated output. May be connected in series with any output for (-) or (+) output. May be paralleled when same output voltage and reg type. (Quasi-reg and 3-pin outputs will not share loads if connected together.)
- F. The total current for the +5V and +12V outputs must not exceed 10A (14A PK).
- G. The total current for the +5V and +12V outputs must not exceed 13A (17A PK).
- H. The total current for the +5V and +12V outputs must not exceed 15A (20A PK).
- J. The total current for the +5V and +12V outputs must not exceed 20A (28A PK).

SDM/SDS SWITCHERS



45 WATTS (58W PK); SIZE: 3.94 X 6.30 X 1.83"

Model	Voltage	Nominal Current	Peak Current
SDS45-5	5V	9.0A	11.3A
SDS45-12	12V	3.8A	4.8A
SDS45-15	15V	3.0A	3.8A
SDS45-24	24V	1.9A	2.4A

140 WATTS (175W PK); SIZE: 4.75 X 10.3 X 2.20

Model	Voltage	Nominal Current	Peak Current
SDS140-5	5V	28.0A	35.0A
SDS140-12	12V	11.7A	14.6A
SDS140-15	15V	9.4A	11.8A
SDS140-24	24V	5.9A	7.4A

80 WATTS (100W PK); SIZE: 4.25 X 7.75 X 1.90

Model	Voltage	Nominal Current	Peak Current
SDS80-5	5V	16.0A	20.0A
SDS80-12	12V	6.7A	8.4A
SDS80-15	15V	5.3A	6.6A
SDS80-24	24V	3.4A	4.3A

200 WATTS (250W PK); SIZE: 4.75 X 12.8 X 2.45

Model	Voltage	Nominal Current	Peak Current
SDS200-5	5V	40.0A	50.0A
SDS200-12	12V	16.7A	20.9A
SDS200-15	15V	13.4A	16.8A
SDS200-24	24V	8.4A	10.5A

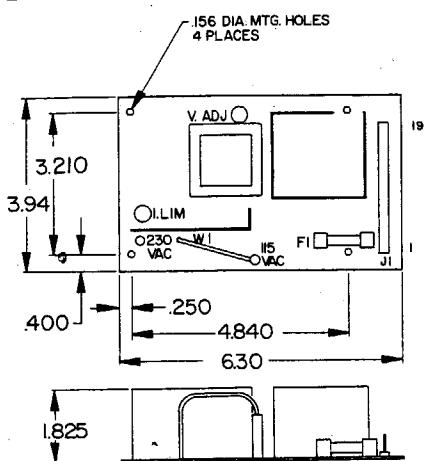
110 WATTS (138W PK); SIZE: 4.75 X 8.80 X 1.90

Model	Voltage	Nominal Current	Peak Current
SDS110-5	5V	22.0A	27.5A
SDS110-12	12V	9.2A	11.5A
SDS110-15	15V	7.3A	9.1A
SDS110-24	24V	4.6A	5.8A

Other voltages are available from the factory on special order.

SDM/SDS SWITCHERS

SDM45/SDS45 (WT. 1.1 LBS.)



INPUT: J1

90-132/180-264 VAC 47-63Hz

FOR 90-132 VAC INPUT CONNECT W1 TO TERMINAL 115 VAC FUSE F1 AT 2.0A

FOR 180-264 VAC INPUT CONNECT W1 TO TERMINAL 230 VAC FUSE F1 AT 1.0A

PIN 1) AC GND
PIN 2) KEY
PIN 3) AC LINE
PIN 4) KEY
PIN 5) AC NEUTRAL
PIN 6) KEY

J1: CONNECTOR - AMP
P.C.B. HEADER P/N 1-87160

SDM45

OUTPUT: J1

PIN 7) KEY
PIN 8) OUTPUT #3 (-)
PIN 9) N/C
PIN 10) N/C
PIN 11) COMMON
PIN 12) COMMON
PIN 13) COMMON
PIN 14) OUTPUT #1 (+)

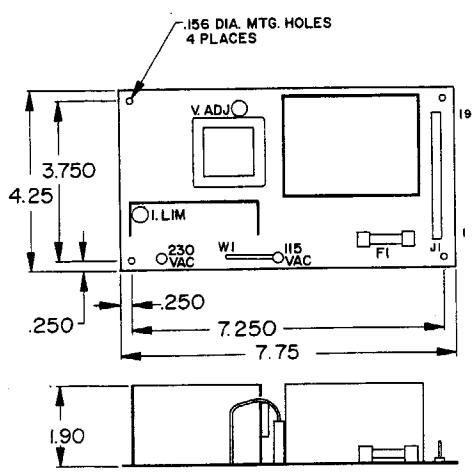
SDS45

OUTPUT: J1

PIN 15) OUTPUT #1 (+)
PIN 16) OUTPUT #1 (+)
PIN 17) N/C
PIN 18) OUTPUT #2 (+)
PIN 19) N/C

PIN 10) SENSE
PIN 11) - OUTPUT
PIN 12) - OUTPUT
PIN 13) - OUTPUT
PIN 14) + OUTPUT
PIN 15) + OUTPUT
PIN 16) + OUTPUT
PIN 17) + SENSE
PIN 18) N/C
PIN 19) N/C

SDM80/SDS80 (WT. 1.5 LBS.)



INPUT: J1

90-132/180-264 VAC 47-63Hz

FOR 90-132 VAC INPUT CONNECT W1 TO TERMINAL 115 VAC FUSE F1 AT 3.0A

FOR 180-264 VAC INPUT CONNECT W1 TO TERMINAL 230 VAC FUSE F1 AT 1.5A

PIN 1) AC GND
PIN 2) KEY
PIN 3) AC LINE
PIN 4) KEY
PIN 5) AC NEUTRAL
PIN 6) KEY

J1: CONNECTOR - AMP
P.C.B. HEADER P/N 1-87160

SDM80

OUTPUT: J1

PIN 7) KEY
PIN 8) OUTPUT #3 (-)
PIN 9) OUTPUT #4 (-)
PIN 10) N/C
PIN 11) COMMON
PIN 12) COMMON
PIN 13) COMMON
PIN 14) OUTPUT #1 (+)

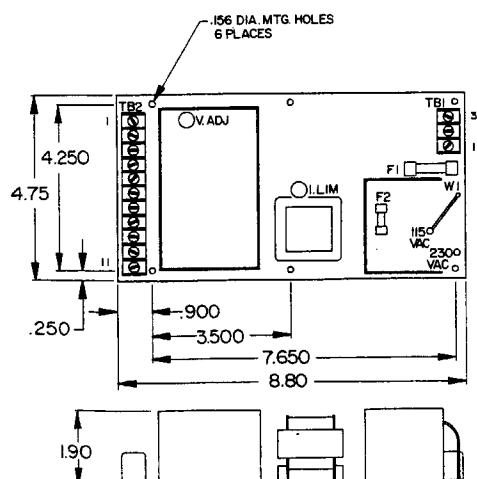
SDS80

OUTPUT: J1

PIN 15) OUTPUT #1 (+)
PIN 16) OUTPUT #1 (+)
PIN 17) N/C
PIN 18) OUTPUT #2 (+)
PIN 19) N/C

PIN 10) SENSE
PIN 11) - OUTPUT
PIN 12) - OUTPUT
PIN 13) - OUTPUT
PIN 14) + OUTPUT
PIN 15) + OUTPUT
PIN 16) + OUTPUT
PIN 17) + SENSE
PIN 18) N/C
PIN 19) N/C

SDM110/SDS110 (WT. 1.9 LBS.)



INPUT: TB1

90-132/180-264 VAC 47-63Hz

FOR 90-132 VAC INPUT CONNECT W1 TO TERMINAL 115 VAC FUSE F1 AT 3.0A

FOR 180-264 VAC INPUT CONNECT W1 TO TERMINAL 230 VAC FUSE F1 AT 1.5A

TB1, 2: TERMINAL BLOCK - 0.375 CENTERS 6-32 SCREWS

PIN 1) AC LINE
PIN 2) AC NEUTRAL
PIN 3) AC GND

SDM110

OUTPUT: TB2

PIN 1) N/C
PIN 2) N/C
PIN 3) OUTPUT #3 (+)
PIN 4) OUTPUT #3 (RTN)
PIN 5) OUTPUT #2 (+)
PIN 6) OUTPUT #1 (+)
PIN 7) OUTPUT #1 (+)
PIN 8) COMMON

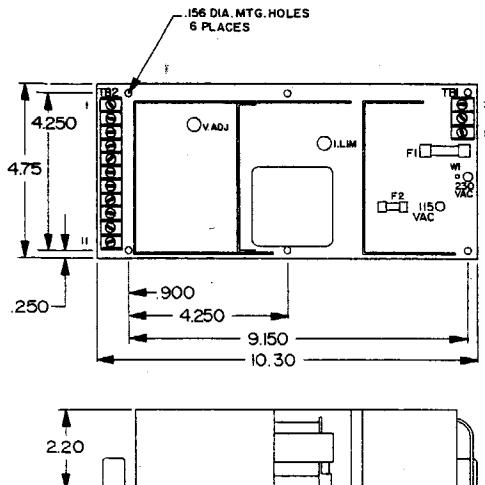
SDS110

OUTPUT: TB2

PIN 9) COMMON
PIN 10) OUTPUT #5 (-)
PIN 11) OUTPUT #4 (-)
PIN 12) N/C
PIN 13) - OUTPUT
PIN 14) - OUTPUT
PIN 15) - OUTPUT
PIN 16) - OUTPUT
PIN 17) - SENSE

SDM/SDS SWITCHERS

SDM140/SDS140 (WT. 2.7 LBS.)



INPUT: TB1

90-132/180-264 VAC 47-63Hz

FOR 90-132 VAC INPUT CONNECT W1 TO TERMINAL
115 VAC FUSE F1 AT 5.0A

FOR 180-264 VAC INPUT CONNECT W1 TO TERMINAL
230 VAC FUSE F1 AT 2.5A

TB1, 2: TERMINAL BLOCK - 0.375 CENTERS
6-32 SCREWS

PIN 1) AC LINE
PIN 2) AC NEUTRAL
PIN 3) AC GND

SDM140

OUTPUT: TB2

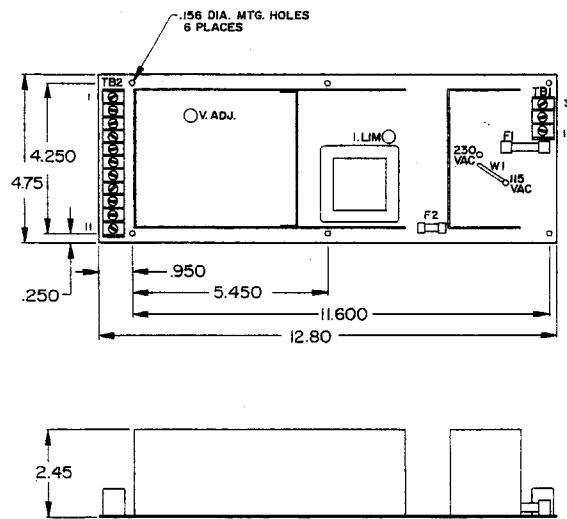
PIN 1) LOGIC INPUT
PIN 2) POWER FAIL
PIN 3) OUTPUT #3 (+)
PIN 4) OUTPUT #3 (RTN)
PIN 5) OUTPUT #2 (+)
PIN 6) OUTPUT #1 (+)
PIN 7) OUTPUT #1 (+)
PIN 8) COMMON
PIN 9) COMMON
PIN 10) OUTPUT #5 (-)
PIN 11) OUTPUT #4 (-)

SDS140

OUTPUT: TB2

PIN 1) LOGIC INHIBIT
PIN 2) POWER FAIL
PIN 3) N/C
PIN 4) + SENSE
PIN 5) + OUTPUT
PIN 6) + OUTPUT
PIN 7) + OUTPUT
PIN 8) - OUTPUT
PIN 9) - OUTPUT
PIN 10) - OUTPUT
PIN 11) - SENSE

SDM200/SDS200 (WT. 3.3 LBS.)



INPUT: TB1

90-132/180-264 VAC 47-63Hz

FOR 90-132 VAC INPUT CONNECT W1 TO TERMINAL
115 VAC FUSE F1 AT 5.0A

FOR 180-264 VAC INPUT CONNECT W1 TO TERMINAL
230 VAC FUSE F1 AT 2.5A

TB1, 2: TERMINAL BLOCK - 0.375 CENTERS
6-32 SCREWS

PIN 1) AC LINE
PIN 2) AC NEUTRAL
PIN 3) AC GND

SDM200

OUTPUT: TB2

PIN 1) LOGIC INHIBIT
PIN 2) POWER FAIL
PIN 3) OUTPUT #3 (+)
PIN 4) OUTPUT #3 (RTN)
PIN 5) OUTPUT #2 (+)
PIN 6) OUTPUT #1 (+)
PIN 7) OUTPUT #1 (+)
PIN 8) COMMON
PIN 9) COMMON
PIN 10) OUTPUT #5 (-)
PIN 11) OUTPUT #4 (-)

SDS200

OUTPUT: TB2

PIN 1) LOGIC INHIBIT
PIN 2) POWER FAIL
PIN 3) N/C
PIN 4) + SENSE
PIN 5) + OUTPUT
PIN 6) + OUTPUT
PIN 7) + OUTPUT
PIN 8) - OUTPUT
PIN 9) - OUTPUT
PIN 10) - OUTPUT
PIN 11) - SENSE

OPTIONS:

1. Angle bracket chassis kits (chassis, standoffs, hardware and assembly drawing) are available for the SDM/SDS series to facilitate mounting at right angles to the power supply circuit board surface.
SDM45/SDS45 Series 08-30466-0045
SDM80/SDS80 Series 08-30466-0080
SDM110/SD110 Series 08-30466-0110
SDM140/SDS140 Series 08-30466-0140
SDM200/SDS200 Series 08-30466-0200
2. Connector kit (AMP connector with pins) for SDM45/SDS45 and SDM80/SDS80 units only.
Connector kit 18-30234-2019

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[SL Power](#):

[SDS140-24](#) [SDS80-5](#)