

- UL Approved
- Modified Standard Facility
- Optional ORing Diodes
- Peak Load Rated
- Power Share & Monitor Option
- Semi Modular Design

Specification

Input		Remote ON/OFF	• See Signals Table
For all input specifications	• See Tables	Current Share	• See Signals Table
Output		General	
Output Voltage	• See Tables	Efficiency	• 80-95%, consult office for each model
Output Voltage Adj.	• See Tables	Isolation	• 6000 VDC Input to Output (Y caps disconnected) • 2200 VDC Input to Ground • 2200 VDC Output to Chassis
Minimum Load	• 10% on V1 of multi output models & when operating single output models in parallel	Switching Frequency	• 30 kHz typical
Hold Up Time	• 12-28 ms dependant on model	AC OK	• See Signals Table
Line Regulation	• <0.5% single output & V1 of multi output units, <1% aux outputs V min to V max	DC OK	• See Signals Table
Load Regulation	• <1.0% single output models for 0-100% load change, <2.0% multi output models on V3, V4 & V5, <4.0% for V2 for 20-80% load change	Indicators	• See Signals Table
Ripple & Noise	• See Tables, measured at 20 MHz BW	MTBF	• Typically >110,000 hrs at 20 °C to MIL-HDBE-217E, consult sales for individual models
Overload Protection	• Single output models, constant current at approx 110% I nom. Multi output models, V1, V4 & V5 approx 3xInom for 10 s then foldback, V2 & V3 1500 A ² s by Polyswitch™	Environmental	
Overvoltage Protection	• See Table s	Operating Temp	• -20 °C to +40 °C - See Derating Curves
Short Circuit Protection	• Constant current	Storage Temp	• -25 °C to +85 °C
Temperature Coefficient	• 0.02%/°C single output models & main output of multi output models • 0.04%/°C on aux. outputs	Operating Humidity	• 90% max RH non-condensing
Remote Sense	• Fitted to single output models both positive & negative line, fitted to V1 of multi output units only positive line Compensates for 0.5 V cable drop	Operating Altitude	• 3000 m max
		Airflow Direction	• Where fitted fan blows air into unit
		EMC & Safety	
		Emissions	• EN55022 Level B conducted • EN55022 Level A radiated
		ESD Susceptibility	• EN61000-4-2 Level 4 Air Perf Criteria B • Level 3 Contact Perf Criteria B
		Radiated Susceptibility	• EN50140 Level 3 Perf Criteria B
		EFT/Burst	• EN61000-4-4 Level 3 Perf Criteria B
		Surge	• EN61000-4-5 Level 3 Perf Criteria B
		Safety Approvals	• IEC950, UL9050

SX Series

200-1100W AC/DC Chassis Mount Power Supplies

CoolPower
Solutions

Model Numbering

Style	Power (watts)	Inputs	No. of Outputs	Outputs	Options
SA = Chassis SX = Chassis SB = Box SC = 3U Cassette SE = 6U Eurocard SN = Narrow	200 300 350 550 750 1K1	I = 55 VAC J = 115 VAC L = 230 VAC T = 400 VAC A = Autoranger P = Active PFC	S = Single M = Multi	Multi O/Ps = Single O/Ps 02 = 2 V 03 = 3.3 V 05 = 5 V 08 = 8 V 12 = 12 V 15 = 15 V 24 = 24 V 36 = 36 V 48 = 48 V 60 = 60 V 100 = C1 130 = C3 170 = C7 220 = D2 300 = E3	-C = Cover -S = Signals (TTL) -R = Signals (Sys Relay) -F = Relay (I/P & O/P) -T = OTP -D = 'OR'diode -E = Tropicalisation -M = Ruggedisation -N = Temp Comp -B = Signals (Battery)

EXAMPLE: SX 350 P S 24 - C

X=Chassis Mount
350 = Power Output

C = Safety Cover Fitted
24 = Output 24 V DC
S = Single Output
P = PFC Input

Notes

- The J (115 VAC) & L (230 VAC) are actually the same unit. The standard L (230 VAC) supply can be configured to 115 VAC by the application of a link on the input terminal block. Alternatively, the unit may be ordered with factory fitted link for 115 VAC operation by inserting J code.
- Custom output voltages available - contact sales for further information.
- Optional mechanical formats available including 3U & 6U eurocard formats, contact Sales for details.
- Multi outputs available, contact Sales.
- Not UL approved.
- See BX Series datasheet.

INPUT SPECIFICATION								SX
Code		I	J	L	A	T	P	
Nominal Input Voltage	All Models	55 V rms	115 V rms	230 V rms	Autoranger	400 V rms	Universal	
Voltage Range	All Models	50-65 V	90-127 V	180-253 V	115/230 V	300-450 V	90-253 V	
Frequency Range	All Models	44-66 Hz	44-66 Hz	44-66 Hz	44-66 Hz	44-66 Hz	44-66 Hz	
Earth Leakage Current	All Models	<0.5 mA	<1.6 mA	<2.5 mA	<2.5 mA	<2.5 mA	<2.5 mA	
440 Hz Operation Leakage	All Models	<3 mA	<10 mA	<20 mA	<20 mA	<20 mA	<20 mA	
Inrush Current	200	25 A	15 A	25 A	25 A	40 A	25 A	
	300	25 A	15 A	25 A	25 A	40 A	25 A	
	350	25 A	15 A	25 A	25 A	40 A	25 A	
	550	25 A	15 A	25 A	25 A	70 A	25 A	
	750	-	15 A	25 A	25 A	40 A	25 A	
	1K1	-	-	25 A	-	40 A	25 A	
Input Fusing (Input fuses are fast HRC types)	200	10 A	5 A	5 A	5 A	5 A	5 A	
	300	10 A	5 A	5 A	5 A	5 A	5 A	
	350	16 A	10 A	10 A	10 A	5 A	10 A	
	550	16 A	10 A	10 A	10 A	5 A	10 A	
	750	-	16 A	16 A	16 A	5 A	10 A	
	1K1	-	-	16 A	-	10 A	10 A	
Input Current	200	7.5 A	3.6 A	1.8 A	3.6 A	1.1 A	3 A	
	300	8.7 A	5.4 A	2.7 A	5.4 A	1.6 A	4.4 A	
	350	10.1 A	6.2 A	3.1 A	6.2 A	1.9 A	5.2 A	
	550	15.9 A	9.8 A	4.9 A	9.8 A	2.9 A	8.1 A	
	750	-	13.4 A	6.7 A	13.4 A	4 A	10 A	
	1K1	-	-	-	-	5.9 A	8 A	

Notes

- Universal input range for 1K1 model only 180-264 VAC.
- 55 V input ratings assume trapezoidal input wave shape.

Cool Power Solutions Oy
Keskustie 6
01900 Nurmijärvi
Finland

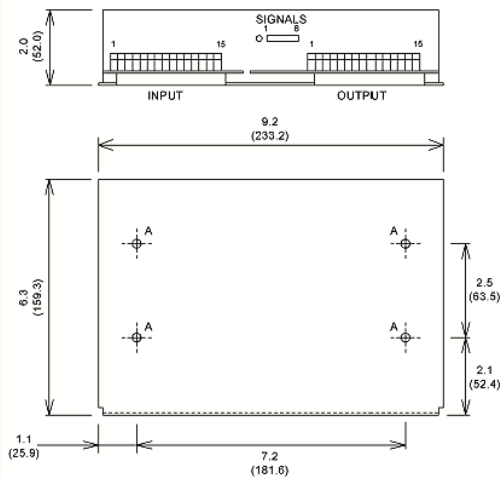
Tel: +358-9-2906 1990
Fax: +358-9-2906 1991

info@coolpowersolutions.fi
www.coolpowersolutions.fi

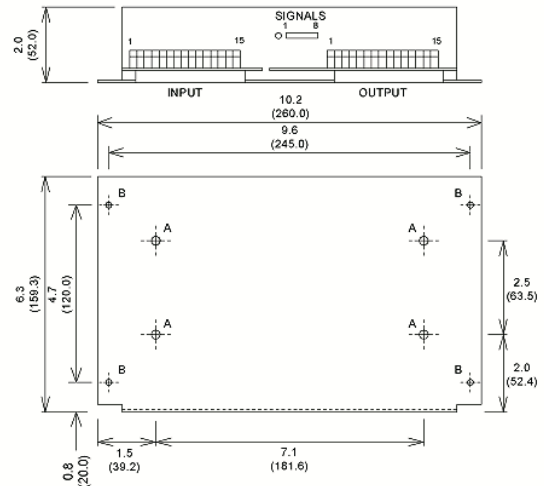
OUTPUT VOLTAGE & CURRENT RATINGS - 200 WATT MODELS													SX			
Code	S02	S03	S05	S08	S12	S15	S24	S36	S48	S60	SC1	SC3	SC7	SD2	SE3	
Nom Output Voltage	2 V	3.3 V	5 V	8 V	12 V	15 V	24 V	36 V	48 V	60 V	96 V	130 V	170 V	220 V	300 V	
Voltage Adj	Min	1.6 V	2.6 V	4.0 V	7.0 V	11.0 V	13.8 V	22.0 V	33.0 V	44.0 V	55.0 V	88.0 V	120.0 V	155.0 V	200.0 V	250.0 V
	Max	2.4 V	4.0 V	6.0 V	9.0 V	14.0 V	17.5 V	29.0 V	42.0 V	57.0 V	70.0 V	114.0 V	155.0 V	202.0 V	260.0 V	360.0 V
OVP Setting (typ)	2.5 V	4.2 V	6.4 V	10.2 V	15.3 V	19.1 V	30.7 V	45.9 V	61.2 V	76.5 V	127.5 V	166.5 V	217.5 V	281.5 V	383.5 V	
Output Current	62.0 A	47.0 A	36.0 A	24.0 A	17.0 A	14.0 A	8.4 A	5.6 A	4.2 A	3.3 A	2.1 A	1.6 A	1.2 A	1.0 A	0.7 A	
Ripple & Noise	<0.2% rms, <2% pk-pk					<0.1% rms, <1% pk-pk			<0.05% rms, <0.5% pk-pk							

Mechanical Details

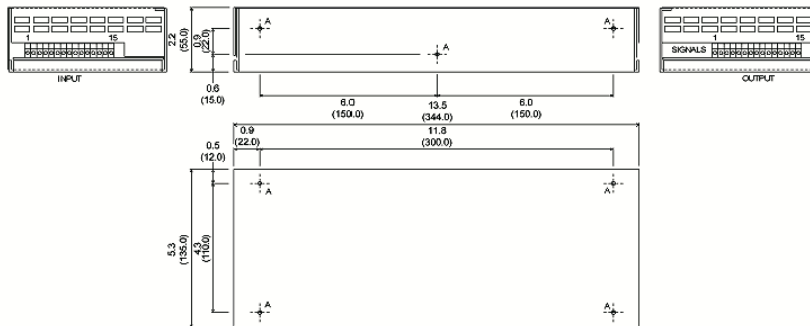
Style X



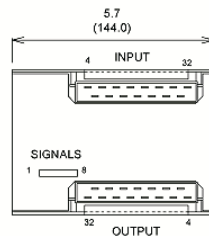
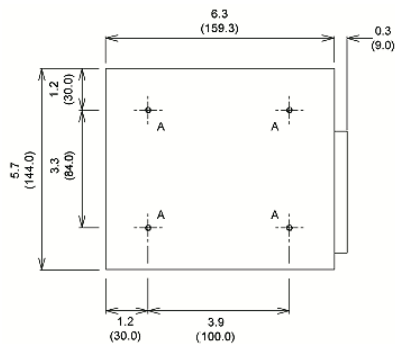
Style A



Style N



Style B



CONNECTORS (Style A, X & N)

Input & Output

5 mm pitch terminal block

Signals Option

AMP HE14 Series

CONNECTORS (Style B)

Input & Output

H15 Male (DIN 41612)

Signals Option on output

Charger signals option on output connector

Power supply signal option AMP HE14

FIXINGS

Ref 'A' M3 ISO Metric

Fixings Ref 'B' ø3.5

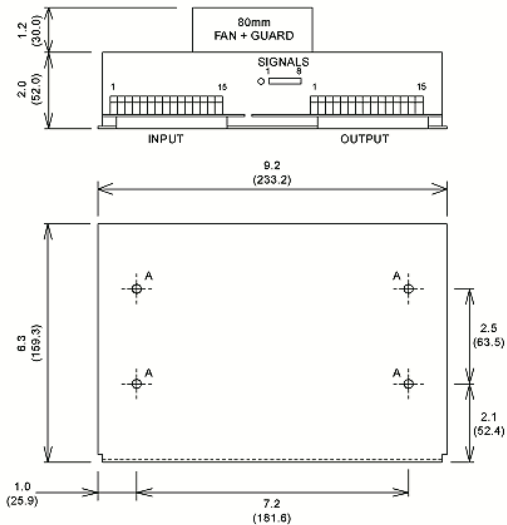
(Screws must not penetrate unit by more than 5 mm)

Contact sales for other mechanical formats.

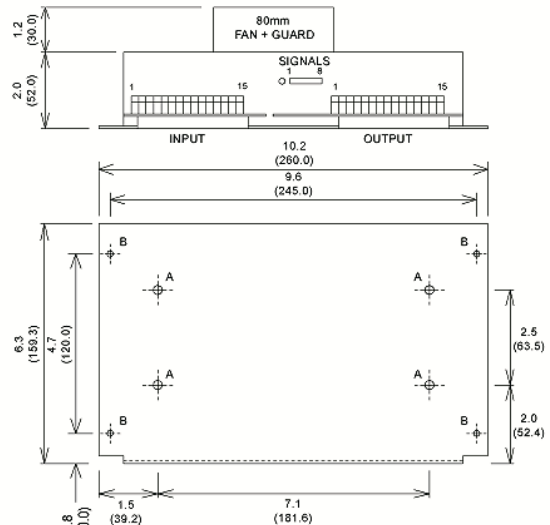
OUTPUT VOLTAGE & CURRENT RATINGS - 300 WATT MODELS													SX			
Code	S02	S03	S05	S08	S12	S15	S24	S36	S48	S60	SC1	SC3	SC7	SD2	SE3	
Nom Output Voltage	2 V	3.3 V	5 V	8 V	12 V	15 V	24 V	36 V	48 V	60 V	96 V	130 V	170 V	220 V	300 V	
Voltage Adj	Min	1.6 V	2.6 V	4.0 V	7.0 V	11.0 V	13.8 V	22.0 V	33.0 V	44.0 V	55.0 V	88.0 V	120.0 V	155.0 V	200.0 V	250.0 V
	Max	2.4 V	4.0 V	6.0 V	9.0 V	14.0 V	17.5 V	29.0 V	42.0 V	57.0 V	70.0 V	114.0 V	155.0 V	202.0 V	260.0 V	360.0 V
OVP Setting (typ)	2.5 V	4.2 V	6.4 V	10.2 V	15.3 V	19.1 V	30.7 V	45.9 V	61.2 V	76.5 V	127.5 V	166.5 V	217.5 V	281.5 V	383.5 V	
Output Current	92.0 A	70.0 A	53.0 A	36.0 A	25.0 A	20.0 A	12.5 A	8.3 A	6.3 A	5.0 A	3.0 A	2.3 A	1.8 A	1.4 A	1.1 A	
Ripple & Noise	<0.2% rms, <2% pk-pk				<0.1% rms, <1% pk-pk				<0.05% rms, <0.5% pk-pk							

Mechanical Details

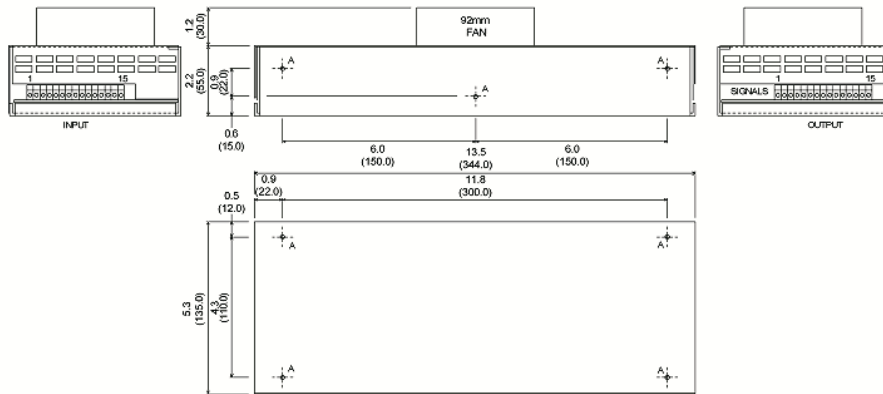
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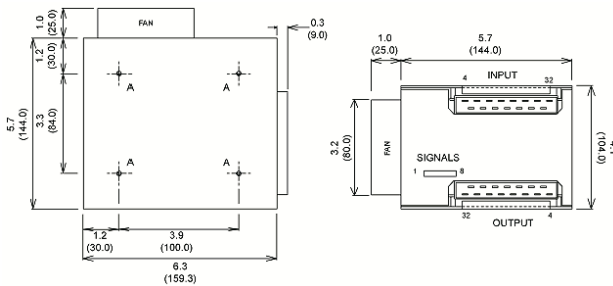
Style A



Style N



Style B



CONNECTORS (Style A, X & N)

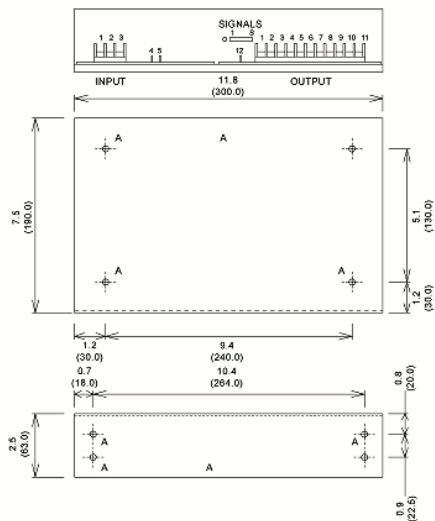
- Input & Output: 5 mm pitch terminal block
 - Signals Option: AMP HE14 Series
- #### CONNECTORS (Style B)
- Input & Output: H15 Male (DIN 41612)
 - Signals Option on output: Charger signals option on output connector
 - Power supply signal option: AMP HE14
- #### FIXINGS
- Ref 'A': M3 ISO Metric
 - Fixings Ref 'B': ø3.5
 - (Screws must not penetrate unit by more than 5 mm)

Contact sales for other mechanical formats.

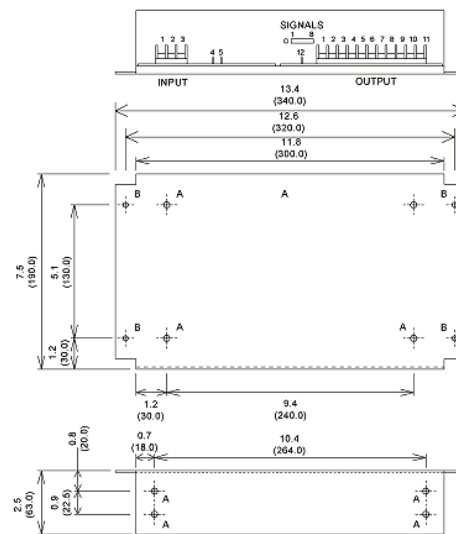
OUTPUT VOLTAGE & CURRENT RATINGS - 350 WATT MODELS													SX			
Code	S02	S03	S05	S08	S12	S15	S24	S36	S48	S60	SC1	SC3	SC7	SD2	SE3	
Nom Output Voltage	2 V	3.3 V	5 V	8 V	12 V	15 V	24 V	36 V	48 V	60 V	96 V	130 V	170 V	220 V	300 V	
Voltage Adj	Min	1.6 V	2.6 V	4.0 V	7.0 V	11.0 V	13.8 V	22.0 V	33.0 V	44.0 V	55.0 V	88.0 V	120.0 V	155.0 V	200.0 V	250.0 V
	Max	2.4 V	4.0 V	6.0 V	9.0 V	14.0 V	17.5 V	29.0 V	42.0 V	57.0 V	70.0 V	114.0 V	155.0 V	202.0 V	260.0 V	360.0 V
OVP Setting (typ)	2.5 V	4.2 V	6.4 V	10.2 V	15.3 V	19.1 V	30.7 V	45.9 V	61.2 V	76.5 V	127.5 V	166.5 V	217.5 V	281.5 V	383.5 V	
Output Current	108.0 A	82.0 A	62.0 A	42.0 A	29.0 A	23.0 A	15.0 A	10.0 A	7.3 A	5.8 A	3.5 A	2.7 A	2.1 A	1.6 A	1.2 A	
Ripple & Noise	<0.2% rms, <2% pk-pk				<0.1% rms, <1% pk-pk				<0.05% rms, <0.5% pk-pk							

Mechanical Details

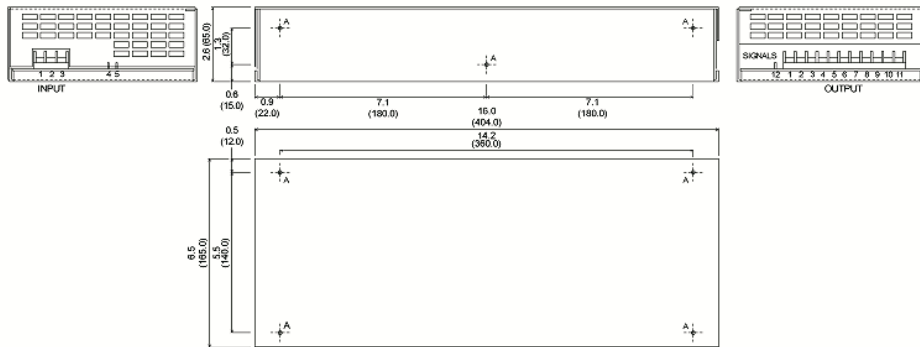
Style X



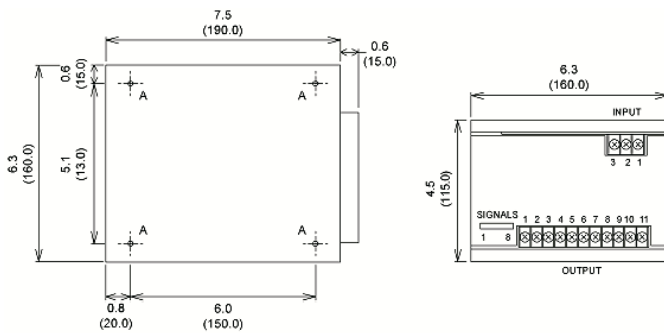
Style A



Style N



Style B



CONNECTORS (Style A, X & N)

Input & Output
9.5 mm pitch M4 barrier block (450 V 16 A)

Signals Option
AMP HE14 Series

CONNECTORS (Style B)

Input & Output
9.5 mm pitch M4 barrier block (450 V 16 A)

Signals Option on output
Charger signals option Metway Series 690

Power supply signal option AMP HE14

FIXINGS

Ref 'A' M3 ISO Metric

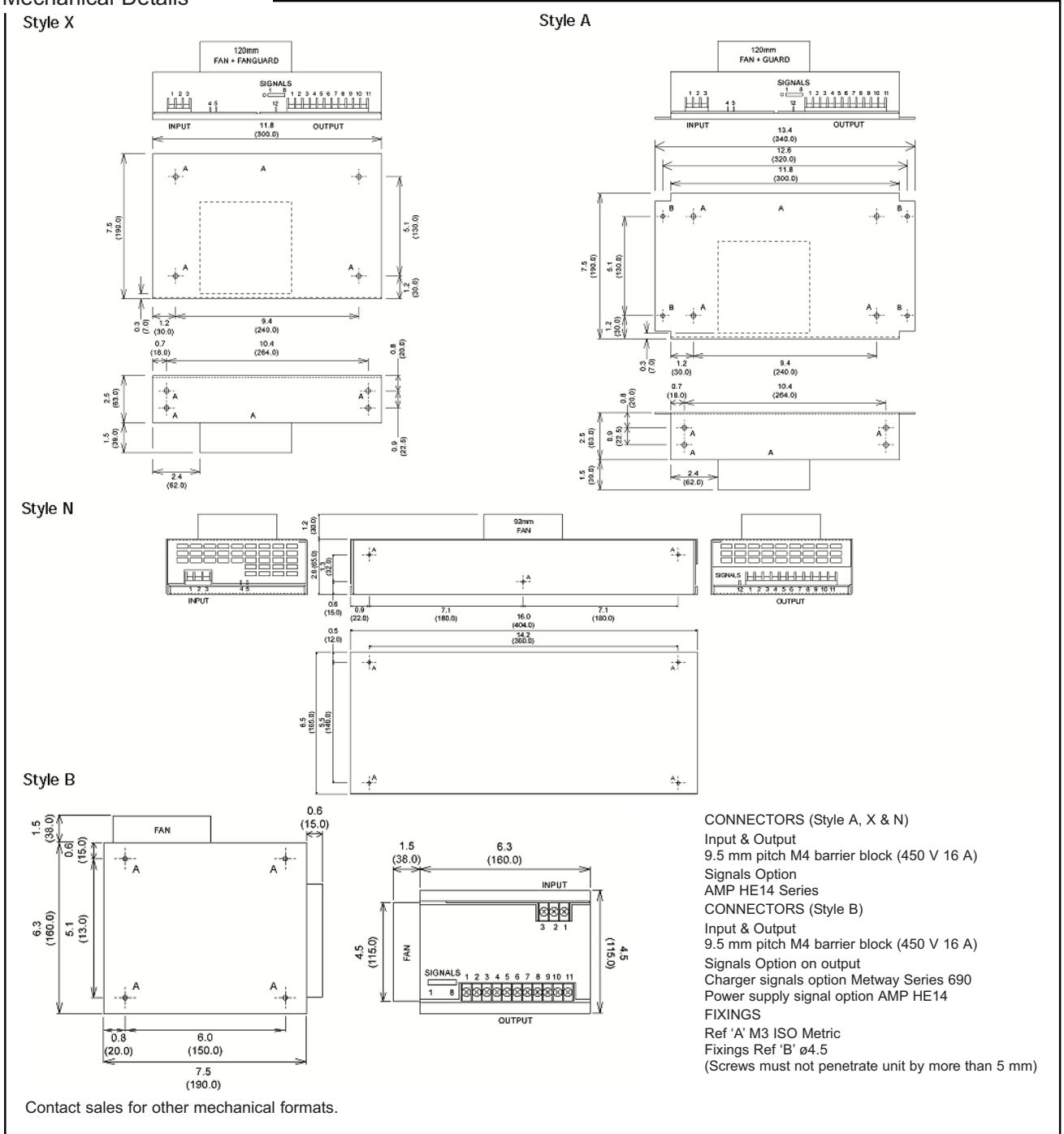
Fixings Ref 'B' ø4.5

(Screws must not penetrate unit by more than 5 mm)

Contact sales for other mechanical formats.

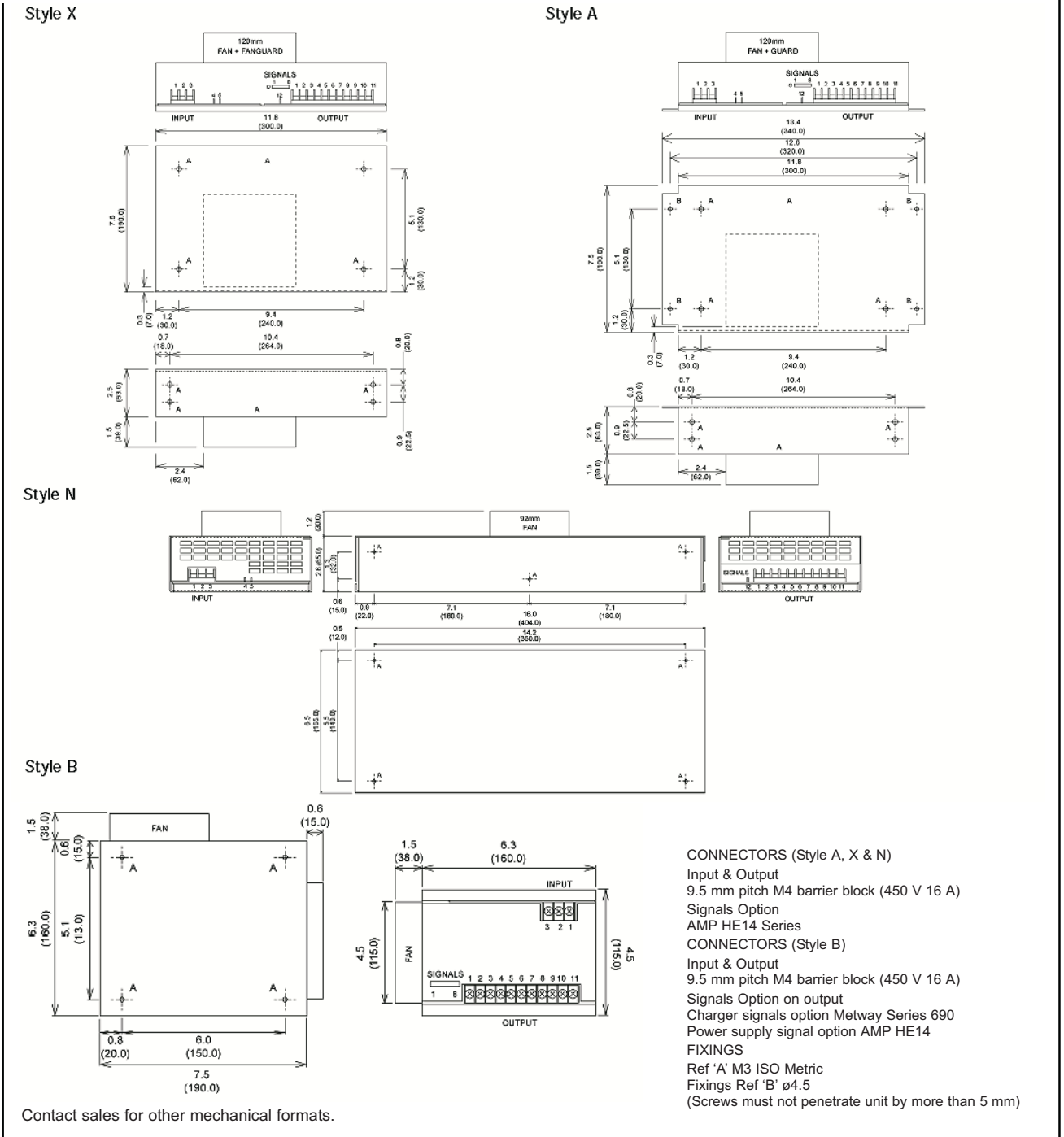
OUTPUT VOLTAGE & CURRENT RATINGS - 550 WATT MODELS													SX			
Code	S02	S03	S05	S08	S12	S15	S24	S36	S48	S60	SC1	SC3	SC7	SD2	SE3	
Nom Output Voltage	2 V	3.3 V	5 V	8 V	12 V	15 V	24 V	36 V	48 V	60 V	96 V	130 V	170 V	220 V	300 V	
Voltage Adj	Min	1.6 V	2.6 V	4.0 V	7.0 V	11.0 V	13.8 V	22.0 V	33.0 V	44.0 V	55.0 V	88.0 V	120.0 V	155.0 V	200.0 V	250.0 V
	Max	2.4 V	4.0 V	6.0 V	9.0 V	14.0 V	17.5 V	29.0 V	42.0 V	57.0 V	70.0 V	114.0 V	155.0 V	202.0 V	260.0 V	360.0 V
OVP Setting (typ)	2.5 V	4.2 V	6.4 V	10.2 V	15.3 V	19.1 V	30.7 V	45.9 V	61.2 V	76.5 V	127.5 V	166.5 V	217.5 V	281.5 V	383.5 V	
Output Current	169.0 A	128.0 A	98.0 A	65.0 A	46.0 A	37.0 A	23.0 A	15.0 A	11.0 A	9.0 A	5.5 A	4.2 A	3.2 A	2.5 A	1.8 A	
Ripple & Noise	<0.2% rms, <2% pk-pk						<0.1% rms, <1% pk-pk			<0.05% rms, <0.5% pk-pk						

Mechanical Details



OUTPUT VOLTAGE & CURRENT RATINGS - 750 WATT MODELS													SX		
Code	S02	S03	S05	S08	S12	S15	S24	S36	S48	S60	SC1	SC3	SC7	SD2	SE3
Nom Output Voltage	2 V	3.3 V	5 V	8 V	12 V	15 V	24 V	36 V	48 V	60 V	96 V	130 V	170 V	220 V	300 V
Voltage Adj	Min	-	-	-	11.0 V	13.8 V	22.0 V	33.0 V	44.0 V	55.0 V	88.0 V	120.0 V	155.0 V	200.0 V	250.0 V
	Max	-	-	-	14.0 V	17.5 V	29.0 V	42.0 V	57.0 V	70.0 V	114.0 V	155.0 V	202.0 V	260.0 V	360.0 V
OVP Setting (typ)	-	-	-	-	15.3 V	19.1 V	30.7 V	45.9 V	61.2 V	76.5 V	127.5 V	166.5 V	217.5 V	281.5 V	383.5 V
Output Current	-	-	-	-	63.0 A	50.0 A	31.0 A	21.0 A	16.0 A	12.5 A	7.5 A	5.8 A	4.4 A	3.4 A	2.5 A
Ripple & Noise	-						<0.1% rms, <1% pk-pk			<0.05% rms, <0.5% pk-pk					

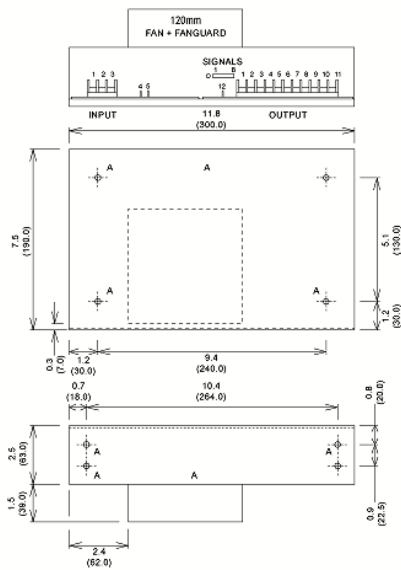
Mechanical Details



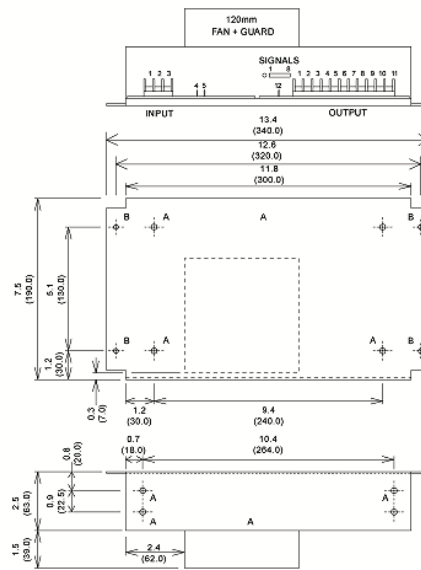
OUTPUT VOLTAGE & CURRENT RATINGS - 1k1 WATT MODELS												SX			
Code	S02	S03	S05	S08	S12	S15	S24	S36	S48	S60	SC1	SC3	SC7	SD2	SE3
Nom Output Voltage	2 V	3.3 V	5 V	8 V	12 V	15 V	24 V	36 V	48 V	60 V	96 V	130 V	170 V	220 V	300 V
Voltage Adj	Min	-	-	-	-	-	22.0 V	33.0 V	44.0 V	55.0 V	88.0 V	120.0 V	155.0 V	200.0 V	250.0 V
	Max	-	-	-	-	-	29.0 V	42.0 V	57.0 V	70.0 V	114.0 V	155.0 V	202.0 V	260.0 V	360.0 V
OVP Setting	-	-	-	-	-	-	30.7 V	45.9 V	61.2 V	76.5 V	127.5 V	166.5 V	217.5 V	281.5 V	383.5 V
Output Current	-	-	-	-	-	-	46.0 A	31.0 A	23.0 A	18.0 A	11.0 A	8.5 A	6.5 A	5.0 A	3.7 A
Ripple & Noise	-						<0.1% rms, <1% pk-pk			<0.05% rms, <0.5% pk-pk					

Mechanical Details

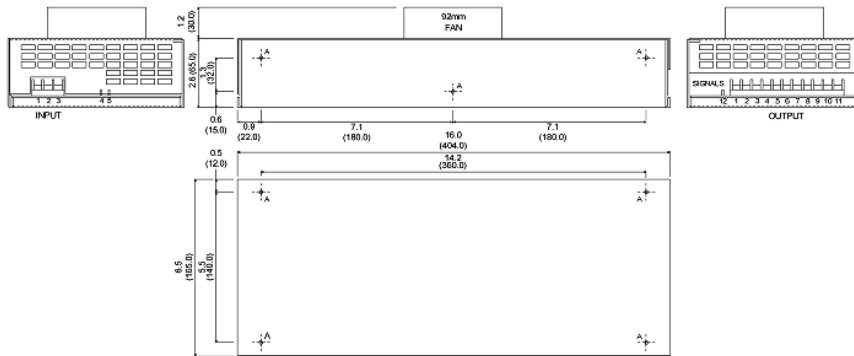
Style X



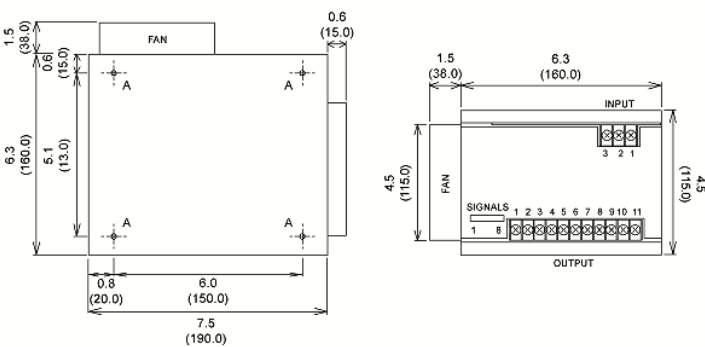
Style A



Style N



Style B



- CONNECTORS (Style A, X & N)
 Input & Output
 9.5 mm pitch M4 barrier block (450 V 16 A)
 Signals Option
 AMP HE14 Series
- CONNECTORS (Style B)
 Input & Output
 9.5 mm pitch M4 barrier block (450 V 16 A)
 Signals Option on output
 Charger signals option Metway Series 690
 Power supply signal option AMP HE14
- FIXINGS
 Ref 'A' M3 ISO Metric
 Fixings Ref 'B' ø4.5
 (Screws must not penetrate unit by more than 5 mm)

Contact sales for other mechanical formats.

Pin Connections

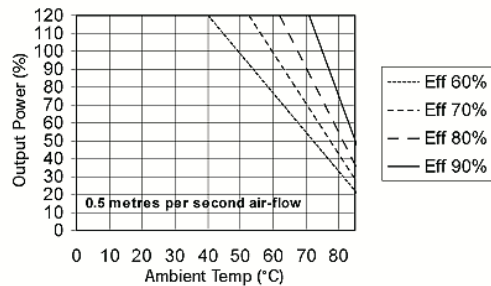
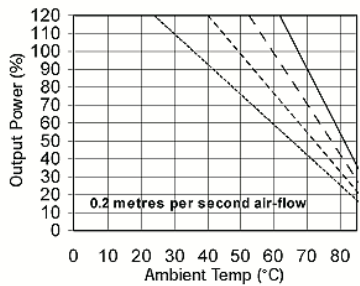
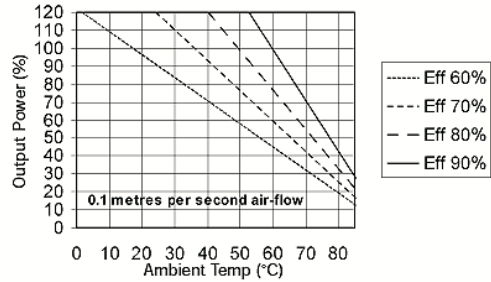
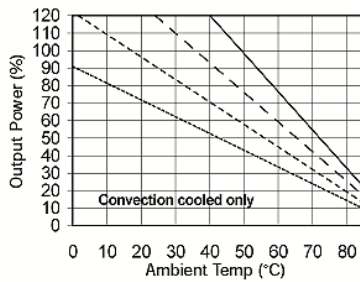
CONNECTIONS - 200 & 300 Watt Models				
INPUT		OUTPUT		
T/B	AC	T/B	Single	Multi
1	Earth	1	See Signals Table	
2	N/C	2	See Signals Table	
3	Neutral	3	See Signals Table	
4	N/C	4	Remote ON/OFF	Remote ON/OFF
5	Line	5	0 VS	+ VS
6	N/C	6	0 V	Output 1
7	115 V	7	0 V	Output 1
8	Link	8	0 V	Output 1
9	N/C	9	0 V	0 V
10	N/C	10	0 V	0 V
11	N/C	11	+V	0 V
12	N/C	12	+V	Output 2
13	N/C	13	+V	Output 3
14	N/C	14	+V	Output 4
15	N/C	15	+VS	Output 5

CONNECTIONS - 350, 550, 750 & 1k1 Models				
INPUT		OUTPUT		
T/B	AC	T/B	Single	Multi
1	Earth	1	0 VS	+VS
2	Neutral	2	0 V	Output 1
3	Line	3	0 V	Output 1
4	115 V Link	4	0 V	Output 1
5	115 V Link	5	0 V	0 V
6	-	6	0 V	0 V
		7	+V	0 V
		8	+V	Output 2
		9	+V	Output 3
		10	+V	Output 4
		11	+VS	Output 5
		12	Remote ON/OFF	Remote ON/OFF

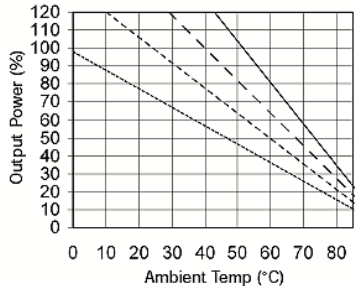
EFFICIENCY																SX	
Input		Unit Efficiency															
Code	Voltage	Multi	2 V	3 V	5 V	8 V	12 V	15 V	24 V	36 V	48 V	60 V	96 V	130 V	170 V	220 V	300 V
I	55 VAC	80%	65%	72%	78%	79%	80%	81%	81%	81%	82%	83%	83%	83%	84%	85%	85%
J/A	115 VAC	82%	66%	74%	80%	81%	82%	83%	83%	83%	84%	85%	85%	85%	86%	86%	86%
L/A	230 VAC	85%	69%	76%	83%	84%	85%	86%	86%	86%	86%	87%	86%	87%	88%	89%	89%
P	110 VAC	80%	65%	72%	78%	79%	80%	81%	81%	81%	82%	83%	82%	83%	84%	85%	85%
P	230 VAC	83%	67%	75%	81%	82%	83%	84%	84%	84%	85%	86%	85%	86%	86%	87%	87%
T	400 VAC	85%	69%	76%	83%	84%	85%	86%	86%	86%	86%	87%	86%	87%	88%	89%	89%

Derating Curves

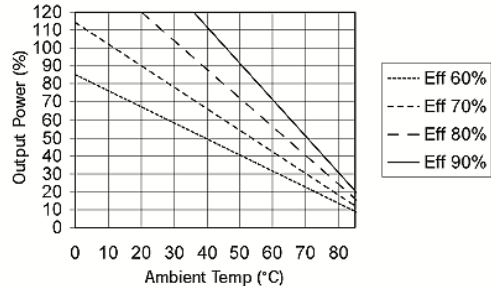
Power Rating vs Ambient Temperature Unit Efficiency for Convection Cooled 200, 300 and 350 Models



Fan Cooled 300, 550 & 600 W Models



Fan Cooled 750 & 1k1 Models



Signals & Options

Signals (Option S, R, B or F)

S - TTL

Standard TTL signals indicating input fail, output fail and system reset. Additional functions power-share and power monitor signals. Capable of sinking 10 mA with internal 1k pull-up resistor to 5 V.

R - System good relay

Based on the standard signals option but system reset signal replaced with potential free changeover relay contact, ideal for remote signalling.

B - Input fail and Battery fail relays

Plus power share and monitor functions. Often used in conjunction with 'OR' diode.

F - Input fail and output fail relays

Plus power share and monitor functions.

Relay contact ratings: 1.0 A @ 24 VDC, 0.5 A @ 120 VAC

PIN	S	R	B	F
1	System Reset	No Fail	Battery Fail NO	Output Fail NO
2	Input Fail	COM Fail	Battery Fail COM	Output Fail COM
3	Output Fail	NC Fail	Battery Fail NC	Output Fail NC
4	Power Monitor	Power Monitor	Power Monitor	Power Monitor
5	Power Share	Power Share	Power Share	Power Share
6	Remote ON/OFF	Remote ON/OFF	Input Fail	Input Fail
7	+VS	+VS	Input Fail COM	Input Fail COM
8	0 VS	0 VS	Input Fail NC	Input Fail NC

VME Utility BUS signals

Available only when the -S signals board is fitted.

Input fail - a logic transition '1' to '0' to indicate an imminent output failure due to input failure, minimum 10 ms warning before output voltage falls below 90-95% of nominal.

Output fail - a logic '0' indicates output voltage is less than 90-95% of nominal.

System reset signal - a logic '1' indicates system OK.

(AC good + DC good + reset timing [200ms])

Power share (PS) and Monitor (PM) signals

Available with all signals options.

The Power Share (PS) connections are joined when two or more units are operated in parallel, this ensures that the system power is shared equally by the individual power units. (When operating units in parallel the system power cables should be connected in a star configuration with the load being the star centre). For correct operation of power share circuit, the output voltages of each supply must be set within $\pm 5\%$ of one another. There is no limit to the number of units that can be connected in parallel. The Power Monitor (PM) signal is proportional to the output current, and at nominal output voltage this signal indicates the output power as follows: -

200/300 units	-	PM voltage = 20 mV/ Watt
350/550 units	-	PM voltage = 10 mV/Watt
750 units	-	PM voltage = 5 mV/Watt
1k1 units	-	PM voltage = 5 mV/Watt

Cover (Option C)

Possible hazardous voltages are accessible and the user should render the unit inaccessible or fit the optional safety cover. Safety covers are available for all units.

OTP - Over temperature protection (Option T)

Protects unit against excessive internal heating (fitted as standard on 300, 550, 600, 750 & 1k1 units).

The unit is electronically switched-off if its internal temperature exceeds design maximum. The unit can only be reset by interruption of the input voltage for a minimum of 3 minutes to allow for the temperature to reduce.

Output OR diode (Option D)

Integral OR diodes may be fitted on request making the unit suitable for such applications as redundancy, hot swapping and battery charging.

n + 1 redundancy

Specify OR diodes for n+1 redundancy, this allows for "hot swap" and "hot plug-in" for system security. It is also recommended that signals be fitted for monitoring and power share capability. +V sense must not be used.

Conformal envelope (Option E)

Units may be conformally coated to operate in corrosive and/or high humidity environments also freezing conditions where condensation occurs.

Mechanical Ruggedisation (Option M)

Extra ruggedisation for vehicle applications.

3 G rms 5-500 Hz 10 G pk X, Y & Z axis

Accessories

DIN rail clips

A pair of DIN rail clips can be used to attach most products to a standard DIN rail. Order part number : C-CL01-002.

Adaptor plates

For use on 300, 350, 550, 600, 750 & 1k1 single output products with 9.5 mm pitch barrier terminal blocks.

Converts connection to single M8 clearance hole.

Order part number : 4-way P-PN99-001

Order part number : 3-way P-PN99-002

Universal Mounting Plates

Enables units to be wall-mounted etc where there is no access to standard fixings. Order part number : P-PN99-020

Mating Connectors

DIN H15 for units with styles C or E

Interconnection by 6.3mm Fastons

Order part number : C-CN03-002

Signals - spare mating connectors

HE14 series (manufacturer - AMP)

Order part number : C-CN04-002

Assembly tool for HE14

Order part number : C-TL01-001

Flexible Capability

The SX series is based on a versatile design which readily enables custom and modified standard products to be produced in a cost effective and timely fashion.

As well as the mechanical styles described, because of the flexible nature of the products, standard units can be combined in series or parallel and fitted into the standard SM mechanical style. This allows output power of up to 10 kW to be achieved from a single enclosure.

For further details contact sales.