

FLEX Power Two and Three Phase 24V DC** Power Supplies

Specifications



Features:

- Multiple overload/ short circuit protection modes
- Efficiency above 91%
- Small size
- DIN rail mountable
- Cooling by free air convection
- UL508 (industrial control equipment) approved
- EN60950-1
- Built-in DC OK relay contact
- 3 year warranty



120W DIN Rail Power Supply

Cat. No.	Phases	Output V DC A	Tol. %	Ripple & Noise	Efficiency	NOTES
PSB-12024	2	24V DC 5A	±3%	≤80 mVp-p	≥91%	



180W DIN Rail Power Supply

Cat. No.	Phases	Output V DC A	Tol. %	Ripple & Noise	Efficiency	NOTES
PSB-18024	2	24V DC 7.5A	±3%	≤80 mVp-p	≥91%	

12 VDC and 48 VDC output on request



360W DIN Rail Power Supply

Cat. No.	Phases	Output V DC A	Tol. %	Ripple & Noise	Efficiency	NOTES
PSB-36024	2	24V DC 14A	±3%	≤80 mVp-p	≥91%	

12 VDC and 48 VDC output on request



600W DIN Rail Power Supply

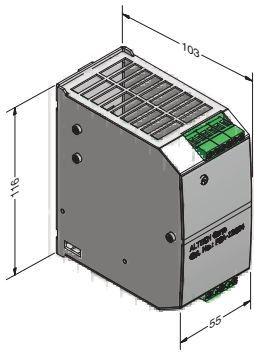
Cat. No.	Phases	Output V DC A	Tol. %	Ripple & Noise	Efficiency	NOTES
PSB-60024	3	24V DC 25A	±3%	≤80 mVp-p	≥92%	

48 VDC output on request

**Other output voltages on request.

SPECIFICATIONS

PSB-12024 Series



TB1 Terminal Pin. No Assignment

Pin No.	Assignment (2 phase)
1	N / L
2	L / L
3	FG ⊕

TB2 Terminal Pin. No Assignment

Pin No.	Assignment
1,2	DC output -V
3,4	DC output +V
5,6	DC OK relay contacts

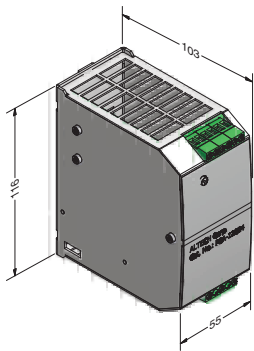
Nominal Input Data: 230VAC/1.0A - 400VAC/0.5A - 500VAC/0.4A
(selectable by switch)

Connection: screw terminal blocks for 0.2-2.5mm² / AWG 24-14 wires.

Size (WxHxD): 55x116x103 mm (2.17x4.57x4.06 inches)

Packaging: 1/box; 0.5kg (1.1 lbs)

PSB-18024 Series



TB1 Terminal Pin. No Assignment

Pin No.	Assignment (2 phase)
1	N / L
2	L / L
3	FG ⊕

TB2 Terminal Pin. No Assignment

Pin No.	Assignment
1,2	DC output -V
3,4	DC output +V
5,6	DC OK relay contacts

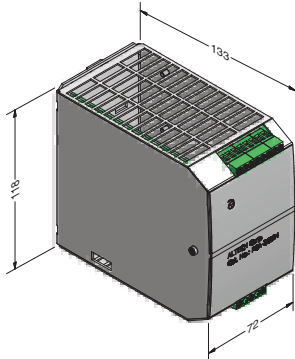
Nominal Input Data: 230VAC/1.5A - 400VAC/0.8A - 500VAC/0.7A
(selectable by switch)

Connection: screw terminal blocks for 0.2-2.5mm² / AWG 24-14 wires.

Size (WxHxD): 55x116x103 mm (2.17x4.57x4.06 inches)

Packaging: 1/box; 0.6kg (1.32 lbs)

PSB-36024 Series



TB1 Terminal Pin. No Assignment

Pin No.	Assignment (2 phase)
1	N/L
2	L/L
3	FG ⊕

TB2 Terminal Pin. No Assignment

Pin No.	Assignment
1,2,3	DC output -V
4,5,6	DC output +V
7,8	DC OK relay contacts

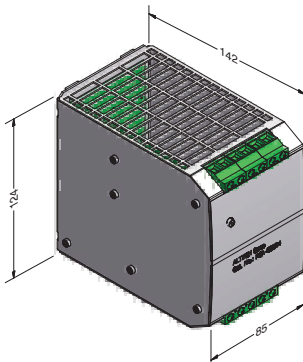
Nominal Input Data: 230VAC/2.2A - 400VAC/1.4A - 500VAC/1.0A
(selectable by switch)

Connection: screw terminal blocks for 0.2-2.5mm² / AWG 24-14 wires.

Size (WxHxD): 72x118x133 mm (2.83x4.49x5.24 inches)

Packaging: 1/box; 0.72kg (1.59 lbs)

PSB-60024 Series



TB1 Terminal Pin. No Assignment

Pin No.	Assignment (3 phase)
1	L1
2	L2
3	L3
4	FG ⊕
5	FG ⊕

TB2 Terminal Pin. No Assignment

Pin No.	Assignment
1,2	DC output -V
3,4	DC output +V
5,6	DC OK relay contacts

Nominal Input Data: 400VAC/0.95A - 500VAC/0.85A

Connection: screw terminal blocks for wires up to 4mm² / 11AWG (solid), 6mm² / 10AWG (stranded)

Size (WxHxD): 85x120x142 mm (3.35x4.72x5.59 inches)

Packaging: 1/box; 1.1kg (2.43 lbs)



PSB-120 Series (2 Phase)

Specifications



Features:

- Multiple overload/ short circuit protection modes
- Efficiency above 91%
- Small size
- DIN rail mountable
- Cooling by free air convection
- UL508 (industrial control equipment) approved
- EN60950-1
- Built-in DC OK relay contact
- 3 year warranty

OUTPUT

Cat. No. PSB-12024

DC VOLTAGE	24 V
RATED CURRENT	5A
CURRENT RANGE	0 - 5 A
RATED POWER	120 W
RIPPLE & NOISE (max)	100 mVp-p
VOLTAGE ADJ. RANGE	22 V ~ 27 V
VOLTAGE TOLERANCE	-0.03
START UP WITH STRONG LOAD	≤ 50,000 μF
CURRENT SHORT CIRCUIT I _{cc}	12A
DISSIPATION POWER LOAD mas	11 W
LINE REGULATION	± 0.5%
LOAD REGULATION	± 1%
SETUP, RISE TIME	1 sec. (max)
HOLD UP TIME (Typ.)	Typ. 20 msec

Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μF & 47μF parallel capacitor.

Tolerance: includes set up tolerance, line regulation and load regulation.

Length of set up time is measured at cold first start. Turning ON/OFF the power supply may lead to increase of the set up time.

INPUT

VOLTAGE RANGE	187 ~ 264 V AC / 330 ~ 550V AC by switch
FREQUENCY RANGE	47 ~ 63 Hz +6%
EFFICIENCY (Typ.)	>91 %
AC CURRENT (115 – 230 Vac.)	1.0 ~ 0.58 ~ 0.46A
INRUSH CURRENT (Typ.)	< 11 A < 5 msec
INTERNAL FUSE	T 4 A
EXTERNAL FUSE (recommended)	10 A (MCB curve B)
LEAKAGE CURRENT	< 1.5 mA @ 230 Vac

PROTECTION

OVERLOAD	In (60°C) x 1.5 ³ 3 min.;
OVER VOLTAGE	Current max. Overload @ 4Vdc (permanent) I _{max} =In (60°C) x (1.8 ~ 2.2)
OVER TEMPERATURE	30 – 35 Vdc
SHORT CIRCUIT PROTECTION	Yes. Shuts down output and automatically restarts when the temperature inside goes down
	1 Hiccup Mode / 2 Fold Back / 3 Restart After Main - Selectable

ENVIRONMENT

DC OK AKTIV SIGNAL (max.)	20 ~ 30 Vdc
WORKING TEMP.	-25 up to +70 °C (>60°derating 2.5% °C)
HUMIDITY	95 % at 25°C, no condensation
STORAGE TEMP	-40 up to +85 °C
TEMP. COEFFICIENT	± 0.03% / C° (0 – 60 °C)
VIBRATION	In according to IEC60068-2-6

SAFETY & EMC

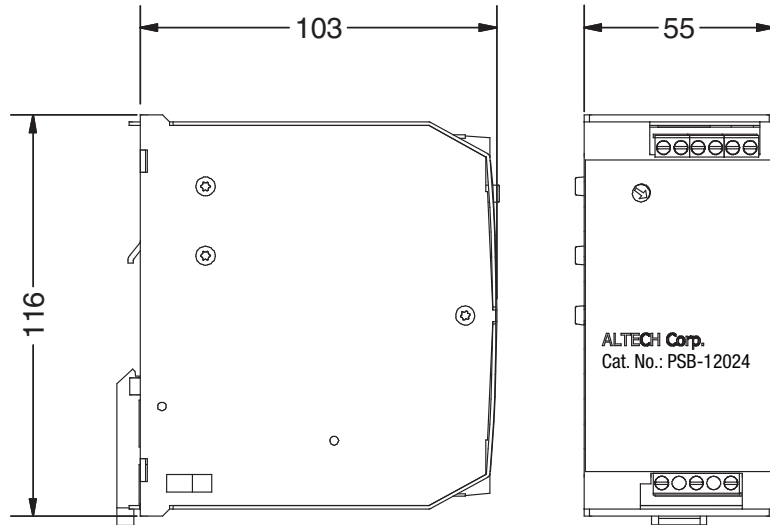
SAFETY STANDARDS	UL508 approved, IEC/EN 60950, EN 50178, IEC/EN 60950, EN60950-1, PELV EN 60204-1
WITHSTAND VOLTAGE	I/P-O/P: 3k VAC I/P-FG: 1.6k VAC O/P-FG: 500 VAC
PROTECTION CLASS	IP 20 (EN/IEC 60529)
ISOLATION RESISTANCE	100 MΩ (min) @ 500 Vdc
EMI CONDUCTION & RADIATION	EN61000-6-4
HARMONIC CURRENT	EN61000-3-2
EMS IMMUNITY	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN61000-6-2,

The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

OTHERS

MTBF IEC 61709	> 500.000 h
POLLUTION DEGREE	2
CONNECTION TERMINAL BLOCK	2.5 mm Screw (24 ~ 14 AWG)
DIMENSION	55x110x105 mm (2.16x4.33x4.13 in)
PACKING	0.50 kg (1.1 lbs) each
NOTE	All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C of ambient temperature.

Mechanical Specification



TB1 Terminal Pin. No Assignment

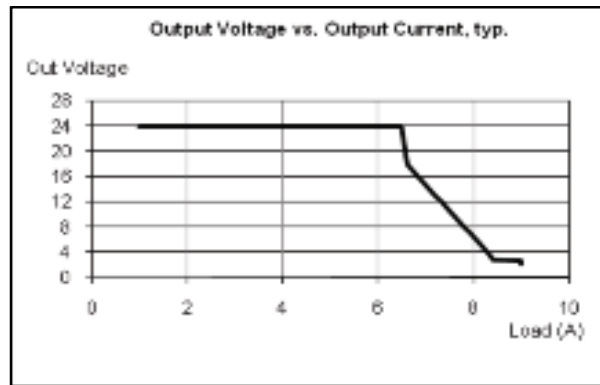
Pin No.	Assignment (2 phase)
1	N / L
2	L / L
3	FG ⊕

TB2 Terminal Pin. No Assignment

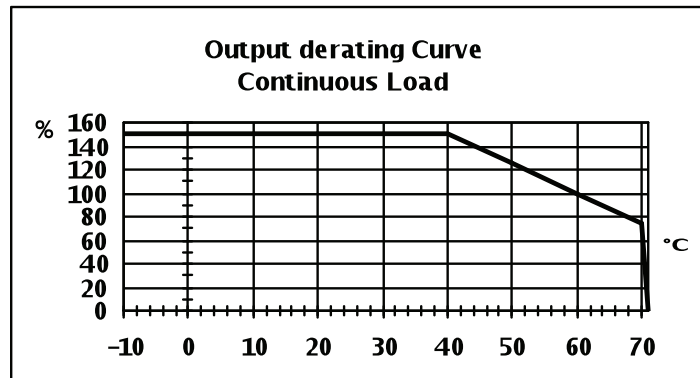
Pin No.	Assignment
1,2	DC output -V
3,4	DC output +V
5,6	DC OK relay contacts

DC OK Relay Contact

Outputs are used for preventive function monitoring of the power supply. An electrically isolated signal contact is available. The signal contact closes when the output power is OK and opens when the output voltage falls below 20Vdc \pm 5%.



Output Derating Curve





PSB-180 Series (2 Phase)

Specifications



Features:

- Multiple overload/ short circuit protection modes
- Efficiency above 91%
- Small size
- DIN rail mountable
- Cooling by free air convection
- UL508 (industrial control equipment) approved
- EN60950-1
- Built-in DC OK relay contact
- 3 year warranty

OUTPUT

Cat. No. PSB-18024

DC VOLTAGE	24 V
RATED CURRENT	7.5 A
CURRENT RANGE	0 - 7.5 A
RATED POWER	180 W
RIPPLE & NOISE (max)	100 mVp-p
VOLTAGE ADJ. RANGE	22 V ~ 27 V
VOLTAGE TOLERANCE	-0.03
START UP WITH STRONG LOAD	≤ 50,000 μF
CURRENT SHORT CIRCUIT I _{cc}	16 A
	Max 2 sec.: Hiccup mode
	Permanent: Continuous mode
DISSIPATION POWER LOAD P _{max}	17 W
LINE REGULATION	± 0.5%
LOAD REGULATION	± 1%
SETUP, RISE TIME	1 sec. (max)
HOLD UP TIME (Typ.)	Typ. 20 msec

Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μF & 47μF parallel capacitor.

Tolerance: includes set up tolerance, line regulation and load regulation.

Length of set up time is measured at cold first start. Turning ON/OFF the power supply may lead to increase of the set up time.

INPUT

VOLTAGE RANGE	187 ~ 264 V AC / 330 ~ 550V AC by switch
FREQUENCY RANGE	47 ~ 63 Hz +6%
EFFICIENCY (Typ.)	>91 %
AC CURRENT (230 – 400 – 500 Vac.)	1.5 ~ 0.8 ~ 0.7 A
INRUSH CURRENT (Typ.)	< 17 A < 5 msec
INTERNAL FUSE	T 4 A
EXTERNAL FUSE (recommended)	10 A (MCB curve B)
LEAKAGE CURRENT	< 1.5 mA @ 500 Vac

PROTECTION

OVERLOAD	In (60°C) x 1.5 ³ 3 min.;
	Current max. Overload @ 4Vdc (permanent) I _{max} =In (60°C) x (1.8 ~ 2.2)
OVER VOLTAGE	30 ~ 35 Vdc
OVER TEMPERATURE	Yes. Shuts down output and automatically restarts when the temperature inside goes down
SHORT CIRCUIT PROTECTION	1 Hiccup Mode / 2 Fold Back / 3 Restart After Main - Selectable

ENVIRONMENT

DC OK AKTIV SIGNAL (max.)	20 ~ 30 Vdc
WORKING TEMP.	-25 up to +70 °C
	(>60°derating 2.5% °C)
HUMIDITY	95 % at 25°C, no condensation
STORAGE TEMP	-40 up to +85 °C
TEMP. COEFFICIENT	± 0.03% / C° (0 ~ 60 °C)
VIBRATION	In according to IEC60068-2-6

SAFETY & EMC

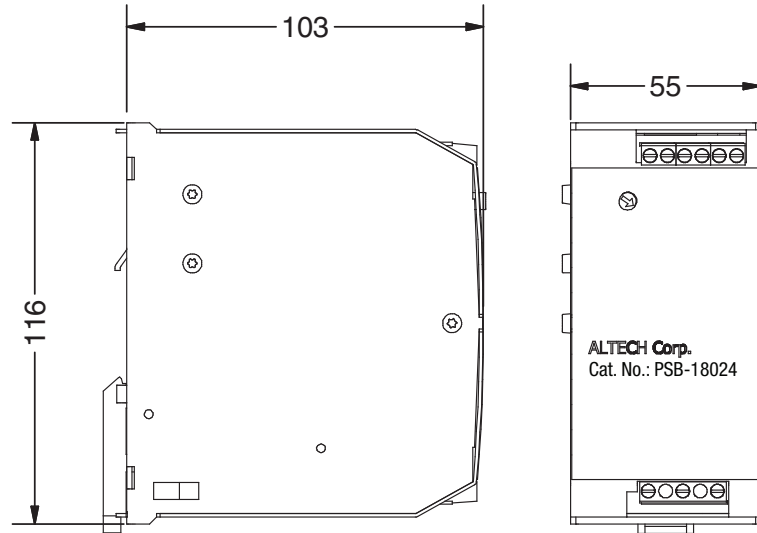
SAFETY STANDARDS	UL508 approved, IEC/EN 60950, EN 50178, IEC/EN 60950, EN60950-1, PELV EN 60204-1
WITHSTAND VOLTAGE	I/P-O/P: 3k VAC I/P-FG: 1.6k VAC O/P-FG: 500 VAC
PROTECTION CLASS	IP 20 (EN/IEC 60529)
ISOLATION RESISTANCE	100 MΩ (min) @ 500 Vdc
EMI CONDUCTION & RADIATION	EN61000-6-4
HARMONIC CURRENT	EN61000-3-2
EMS IMMUNITY	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN61000-6-2, EN61000-6-4,

The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

OTHERS

MTBF IEC 61709	> 500,000 h
POLLUTION DEGREE	2
CONNECTION TERMINAL BLOCK	2.5 mm Screw (24 ~ 14 AWG)
DIMENSION	55x110x105 mm (2.16x4.33x4.13 in)
PACKING	0.60 kg (1.3 lbs) each
NOTE	All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C of ambient temperature.

Mechanical Specification



TB1 Terminal Pin. No Assignment

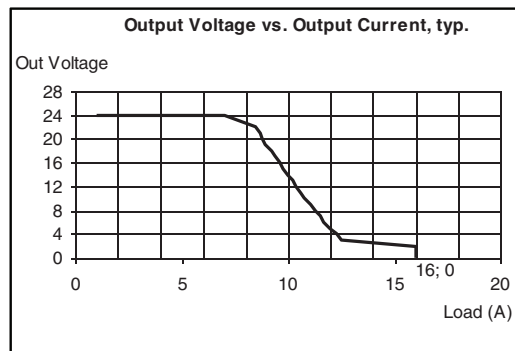
Pin No.	Assignment (2 phase)
1	N / L
2	L / L
3	FG Ⓢ

TB2 Terminal Pin. No Assignment

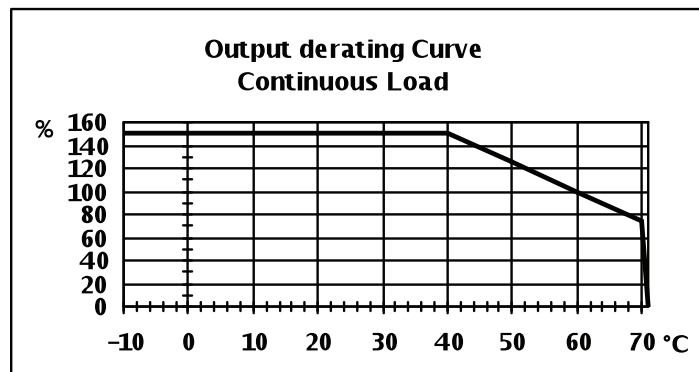
Pin No.	Assignment
1,2	DC output -V
3,4	DC output +V
5,6	DC OK relay contacts

DC OK Relay Contact

Outputs are used for preventive function monitoring of the power supply. An electrically isolated signal contact is available. The signal contact closes when the output power is OK and opens when the output voltage falls below 20Vdc $\pm 5\%$.



Output Derating Curve





PSB-360 Series (2 Phase)

Specifications



Features:

- Multiple overload/ short circuit protection modes
- Efficiency above 91%
- Easy parallel connection for more power
- Small size
- DIN rail mountable
- Cooling by free air convection
- UL508 (industrial control equipment) approved
- EN60950-1
- Built-in DC OK relay contact
- 3 year warranty

OUTPUT

Cat. No.	PSB-36024
DC VOLTAGE	24 V
RATED CURRENT	14 A
CURRENT RANGE	Refer to Output derating curve
RATED POWER	336 W
RIPPLE & NOISE (max)	100 mVp-p
VOLTAGE ADJ. RANGE	22 V ~ 27 V
VOLTAGE TOLERANCE	-0.03
START UP WITH STRONG LOAD	≤ 50,000 μF
CURRENT SHORT CIRCUIT I _{cc}	30 A
DISSIPATION POWER LOAD mas	28 W
LINE REGULATION	± 0.5%
LOAD REGULATION	± 1%
SETUP, RISE TIME	1 sec. (max)
HOLD UP TIME (Typ.)	Typ. 20 msec

Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μF & 47μF parallel capacitor.

Tolerance: includes set up tolerance, line regulation and load regulation.

Max 2 sec.: Hiccup mode
Permanent: Continuous mode

Length of set up time is measured at cold first start. Turning ON/OFF the power supply may lead to increase of the set up time.

INPUT

VOLTAGE RANGE	187 ~ 264 V AC / 330 ~ 550V AC by switch
FREQUENCY RANGE	47 ~ 63 Hz +-6%
EFFICIENCY (Typ.)	>91 %
AC CURRENT (230 – 400 – 500 Vac.)	2.2 ~ 1.4 ~ 1.0 A
INRUSH CURRENT (Typ.)	< 17 A < 5 msec
INTERNAL FUSE	T 4 A
EXTERNAL FUSE (recommended)	16 A (MCB curve B)
LEAKAGE CURRENT	< 1.5 mA @ 500 Vac

PROTECTION

OVERLOAD	In (60°C) x 1.5 ³ 3 min.; Current max. Overload @ 4Vdc (permanent) I _{max} =In (60°C) x (1.8 ~ 2.2)
OVER VOLTAGE	30 ~ 35 Vdc
OVER TEMPERATURE	Yes. Shuts down output and automatically restarts when the temperature inside goes down
SHORT CIRCUIT PROTECTION	1 Hiccup Mode / 2 Fold Back / 3 Restart After Main - Selectable

ENVIRONMENT

DC OK AKTIV SIGNAL (max.)	20 ~ 30 Vdc
WORKING TEMP.	-25 up to +70 °C (>60°derating 2.5% °C)
HUMIDITY	95 % at 25°C, no condensation
STORAGE TEMP	-40 up to +85 °C
TEMP. COEFFICIENT	± 0.03% / C° (0 ~ 60 °C)
VIBRATION	In according to IEC60068-2-6

SAFETY & EMC

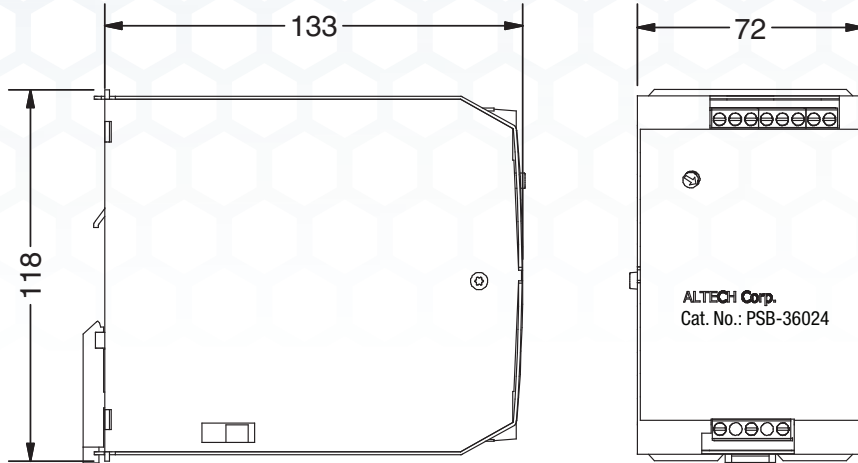
SAFETY STANDARDS	UL508 approved, IEC/EN 60950, EN 50178, IEC/EN 60950, EN60950-1, PELV EN 60204-1
WITHSTAND VOLTAGE	I/P-O/P: 3k VAC I/P-FG: 1.6k VAC O/P-FG: 500 VAC
PROTECTION CLASS	IP 20 (EN/IEC 60529)
ISOLATION RESISTANCE	100 MΩ (min) @ 500 Vdc
EMI CONDUCTION & RADIATION	EN61000-6-4
HARMONIC CURRENT	EN61000-3-2
EMS IMMUNITY	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN61000-6-2, EN61000-6-4,

The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

OTHERS

MTBF IEC 61709	> 500.000 h
POLLUTION DEGREE	2
CONNECTION TERMINAL BLOCK	2.5 mm Screw (24 ~ 14 AWG)
DIMENSION	72x115x135 mm (2.8x4.5x5.3 in)
PACKING	0.65 kg (1.3 lbs) each
NOTE	All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C of ambient temperature.

Mechanical Specification



TB1 Terminal Pin. No Assignment

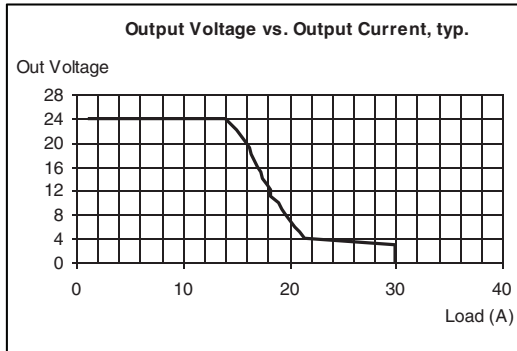
Pin No.	Assignment (2 phase)
1	N/L
2	L/L
3	FG⊕

TB1 Terminal Pin. No Assignment

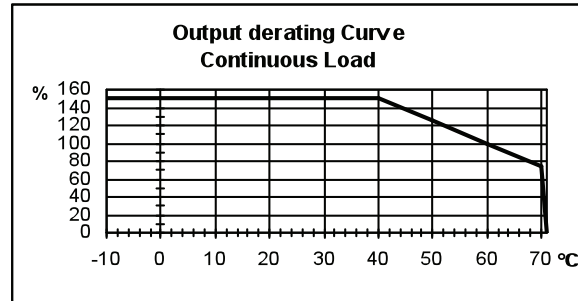
Pin No.	Assignment
1,2,3	DC output -V
4,5,6	DC output +V
7,8	DC OK relay contacts

DC OK Relay Contact

Outputs are used for preventive function monitoring of the power supply. An electrically isolated signal contact is available. The signal contact closes when the output power is OK and opens when the output voltage falls below 20Vdc ±5%.

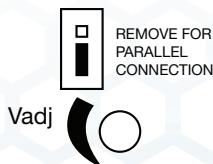
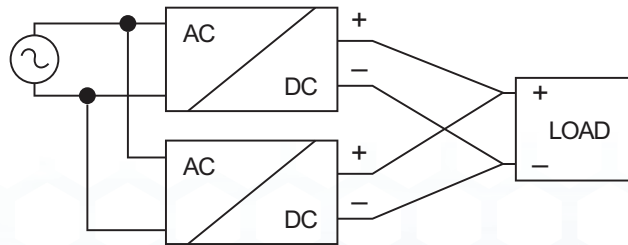


Output Derating Curve

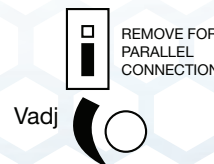


Parallel Connection

A parallel connection with the same model power supply can be set up to increase the output power. The output has to be adjusted approximately to the same value (± 20mV) while applying a 1-2 A load to all devices before connecting them in parallel. In PSA-600xx, for more power, the position of the Easy Parallel jumper needs to be changed to enable a parallel connection. In this mode up to 4 power supplies can be put together in parallel.



Easy Parallel connection
OFF (factory selection)



Easy Parallel
ON

Note: All dimensions are in millimeters, to convert to inches multiply by 0.03937.

PS Class 2 Series
Compact Housing

PSA Flex Series
1 Phase

PSB Flex Series
2 & 3 Phase

PS-S Slim Series
Plastic Housing

PS Low Profile Series
Plastic Housing

PS Industrial Series
1, 2 & 3 Phase

PS C & W Series
1 and 2 Phase

CBI Type
DC UPS Systems

CB Type
Battery Chargers

Accessories

Appendix



PSB-600 Series (3 Phase)

Specifications



Features:

- Multiple overload/ short circuit protection modes
- Efficiency above 92%
- Easy parallel connection for more power
- Small size
- DIN rail mountable
- Cooling by free air convection
- UL508 (industrial control equipment) approved
- EN60950-1
- Built-in DC OK relay contact
- 3 year warranty

OUTPUT

Cat. No. PSB-60024

DC VOLTAGE	24 V
RATED CURRENT	25 A
CURRENT RANGE	Refer to Output derating curve
RATED POWER	600 W
RIPPLE & NOISE (max)	100 mVp-p
Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µF & 47µF parallel capacitor.	
VOLTAGE ADJ. RANGE	22 V ~ 27 V
VOLTAGE TOLERANCE	-0.03
Tolerance: includes set up tolerance, line regulation and load regulation.	
START UP WITH STRONG LOAD	≤ 50,000 µF
CURRENT SHORT CIRCUIT I _{cc}	60 A
Max 2 sec.: Hiccup mode	
Permanent: Continuous mode	
DISSIPATION POWER LOAD mas	28 W
LINE REGULATION	± 0.5%
LOAD REGULATION	± 1%
SETUP, RISE TIME	1 sec. (max)
Length of set up time is measured at cold first start. Turning ON/OFF the power supply may lead to increase of the set up time.	
HOLD UP TIME (Typ.)	Typ. 20 msec

INPUT

VOLTAGE RANGE	330 ~ 550V AC
FREQUENCY RANGE	47 ~ 63 Hz +-6%
EFFICIENCY (Typ.)	>92 %
AC CURRENT (330 – 500 Vac.)	0.95 – 0.85 A
INRUSH CURRENT (Typ.)	< 17 A < 5 msec
INTERNAL FUSE	T 6.3 A
EXTERNAL FUSE (recommended)	16 A (MCB curve B)
LEAKAGE CURRENT	< 1.5 mA @ 500 Vac

PROTECTION

OVERLOAD	In (60°C) x 1.5 ³ 3 min.; Current max. Overload @ 4Vdc (permanent) I _{max} =In (60°C) x (1.8 ~ 2.2)
OVER VOLTAGE	30 ~ 35 Vdc
OVER TEMPERATURE	Yes. Shuts down output and automatically restarts when the temperature inside goes down
SHORT CIRCUIT PROTECTION	1 Hiccup Mode / 2 Fold Back / 3 Restart After Main

ENVIRONMENT

DC OK AKTIV SIGNAL (max.)	20 ~ 30 Vdc
WORKING TEMP.	-25 up to +70 °C (>60°derating 2.5% °C)
HUMIDITY	95 % at 25°C, no condensation
STORAGE TEMP	-40 up to +85 °C
TEMP. COEFFICIENT	± 0.03% / C° (0 ~ 60 °C)
VIBRATION	In according to IEC60068-2-6

SAFETY & EMC

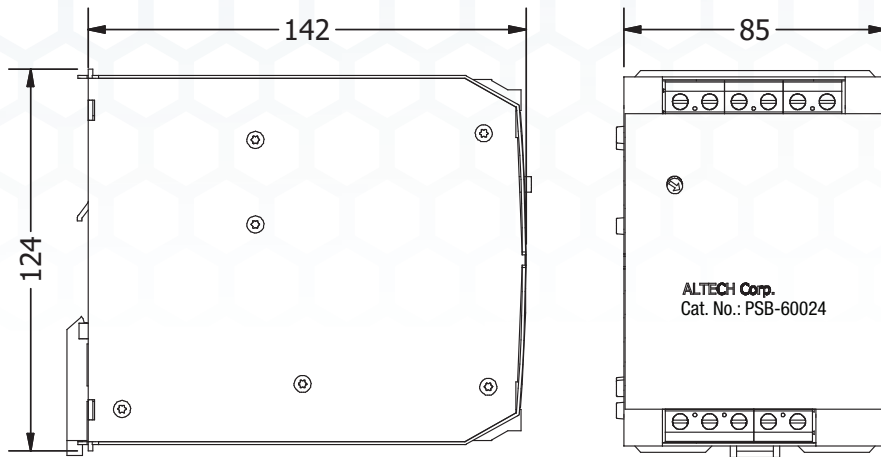
SAFETY STANDARDS	UL508 approved, IEC/EN 60950, EN 50178, IEC/EN 60950, EN60950-1, PELV EN 60204-1
WITHSTAND VOLTAGE	I/P-O/P: 3k VAC I/P-FG: 1.6k VAC O/P-FG: 500 VAC
PROTECTION CLASS	IP 20 (EN/IEC 60529)
ISOLATION RESISTANCE	100 MΩ (min) @ 500 Vdc
EMI CONDUCTION & RADIATION	EN61000-6-4
HARMONIC CURRENT	EN61000-3-2
EMS IMMUNITY	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN61000-6-2, EN61000-6-4,

The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

OTHERS

MTBF IEC 61709	> 500.000 h
POLLUTION DEGREE	2
CONNECTION TERMINAL BLOCK	2.5 mm Screw (24 ~ 14 AWG)
DIMENSION	85x120x140 mm (3.34x4.72x5.51 in)
PACKING	0.75 kg (1.9 lbs) each
NOTE	All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C of ambient temperature.

Mechanical Specification



TB1 Terminal Pin. No Assignment

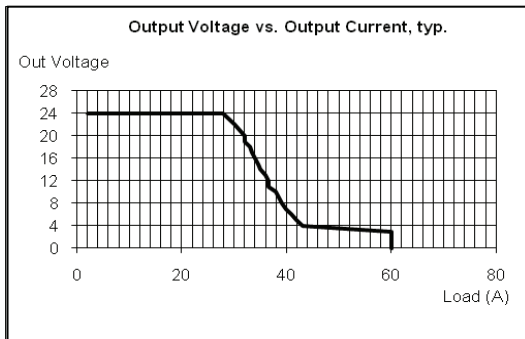
Pin No.	Assignment (3 phase)
1	L1
2	L2
3	L3
4	FG ⊕
5	FG ⊕

TB2 Terminal Pin. No Assignment

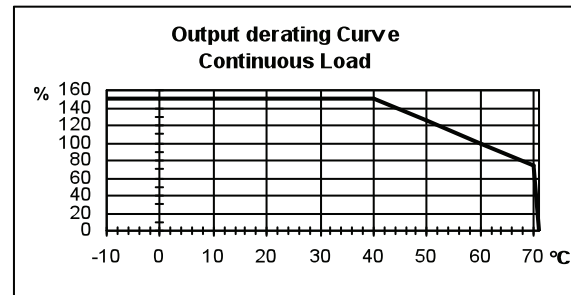
Pin No.	Assignment
1,2	DC output -V
3,4	DC output +V
5,6	DC OK relay contacts

DC OK Relay Contact

Outputs are used for preventive function monitoring of the power supply. An electrically isolated signal contact is available. The signal contact closes when the output power is OK and opens when the output voltage falls below 20Vdc ±5%.

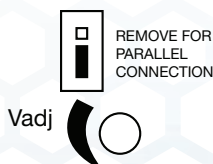
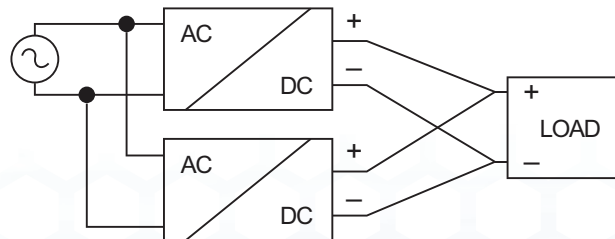


Output Derating Curve

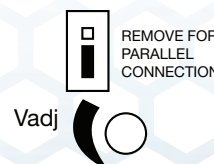


Parallel Connection

A parallel connection with the same model power supply can be set up to increase the output power. The output has to be adjusted approximately to the same value (± 20mV) while applying a 1-2 A load to all devices before connecting them in parallel. In PSA-600xx, for more power, the position of the Easy Parallel jumper needs to be changed to enable a parallel connection. In this mode up to 4 power supplies can be put together in parallel.



Easy Parallel connection
OFF (factory selection)



Easy Parallel
ON

Note: All dimensions are in millimeters, to convert to inches multiply by 0.03937.

PS Class 2 Series
Compact Housing

PSA Flex Series
1 Phase

PSB Flex Series
2 & 3 Phase

PS-S Slim Series
Plastic Housing

PS Low Profile Series
Plastic Housing

PS Industrial Series
1, 2 & 3 Phase

PS C & W Series
1 and 2 Phase

CBI Type
DC UPS Systems

CB Type
Battery Chargers

Accessories

Appendix