

DESCRIPTION

100W Open frame type power supply with 5V DC output for information technology and industrial applications

APPLICATION

For information technology and industrial applications

FEATURES

- Compact size 2" x 4" x 1.26"
- High power density 10 W / cubic inch
- 100W output with convection cooling up to 50°C
- Low earth leakage current
- EN55022 class B emissions
- RoHS compliant

WATTAGE Wattage:

PRODUCT HIGHLIGHT

Efficiency Level: 87% / 115Vac & 89% / 230Vac

100W

Output Voltage:

Size: 50.8 (2") x 101.6 (4") x 32 (1.26")

INPUT SPECIFICATION

Input Type: AC-DC Input Voltage: 90~132 Vac **Input Frequency:** 47~63 Hz

1.9A (rms) for 100 - 120 VAC 1.1A **Input Current:**

(rms) for 200 - 240 VAC

Inrush current: 40A @115VAC; 80A @ 230VAC Earth leakage current 150µA max. @264VAC, 63Hz

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1 5 V, 20 A

Ripple & Noise:

Output1 150mV

Over Voltage Protection:

Output1

110% - 140%

Over current All outputs protected to short circuit

protection: conditions

All outputs ±0.04% / [] maximum **Temperature**

coefficien:

Transient response: Maximum excursion of 4% or better on all models, recovering to 1% of

final value within 500 µs after a

25% step load change

MECHANICAL

Cooling:

50.8mm(L) x 101.6mm(W) x Dimension:

32.0mm(H) convection

Molex header 09-65-2038 or **Connector Type-Input:**

equivalent, mating with Molex

housing 09-50-1031 or equivalent

Molex header 09-65-2068 or **Conntector Type-Output:**

> equivalent, mating with Molex housing 09-50-1061 or

equivalent

Remote Control: No



SAFETY STANDARD APPAOVAL

CSUS (SM) - BANKET - CORPUT

ENVIRONMENTAL SPECIFICATION

Operating temperature: -100 to +700

De-rating: De-rate from 100% at +501, linearly to 50% at +70

Storage temperature: -401 to +851

Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

87% /115Vac & 89% / 230Vac Efficiency:

@Full Road% minimum on all

models

Hold-up time: 12 ms minimum at 12 VAC Line regulation: ±0.2% maximum at full load Withstand voltage:

5600 VDC from input to

output,

2100 VDC from input to

ground,

700 VDC from output to

around.

MTBF: 270,000 hours minimum at full

load at 25 ambient, calculated per MIL-HDBK-

217F

EMC PERFORMANCE

EN61000-4-11:

EN55011: Class B Conducted, Class B

radiated

EN55022: Class B Conducted, Class B

radiated

FCC: Class B Conducted, Class B radiated

Class B Conducted, Class B VCCI: radiated

EN61000-3-2: Harmonic distortion, Class A

and D Line flicker

EN61000-3-3: EN61000-4-2: ESD, ±8 KV air, ±6 KV contact

EN61000-4-3: Radiated immunity, 3 V/m Fast transient/burst, ±2 KV EN61000-4-4: EN61000-4-5: Surge, ±1 KV diff., ±2 KV com. EN61000-4-6: Conducted immunity, 3 Vrms EN61000-4-8: Magnetic field immunity, 3 A/m

> Voltage dip immunity, 30% reduction for 500ms (Criteria A @ 230VAC, Criteria B @ 100VAC), > 95% reduction for



DESCRIPTION

100W Open frame type power supply with 12V DC output for information technology and industrial applications

APPLICATION

For information technology and industrial applications

FEATURES

- Compact size 2" x 4" x 1.26"
- High power density 10 W / cubic inch
- 100W output with convection cooling up to 50°C
- Low earth leakage current
- EN55022 class B emissions
- RoHS compliant

WATTAGE

100W Wattage:

PRODUCT HIGHLIGHT

Efficiency Level: 87% / 115Vac & 89% / 230Vac

Output Voltage:

Size: 50.8 (2") x 101.6 (4") x 32 (1.26")

INPUT SPECIFICATION

Input Type: AC-DC Input Voltage: 90~132 Vac **Input Frequency:** 47~63 Hz

1.9A (rms) for 100 - 120 VAC 1.1A **Input Current:**

(rms) for 200 - 240 VAC

Inrush current: 40A @115VAC; 80A @ 230VAC Earth leakage current 150µA max. @264VAC, 63Hz

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1

12 V, 8.34 A

Ripple & Noise:

Output1

120mV

Over Voltage Protection:

Output1

110% - 140%

Over current All outputs protected to short circuit

protection: conditions

All outputs ±0.04% / [] maximum **Temperature**

coefficien:

Transient response: Maximum excursion of 4% or better on all models, recovering to 1% of

final value within 500 µs after a

25% step load change

MECHANICAL

Cooling:

50.8mm(L) x 101.6mm(W) x Dimension:

32.0mm(H) convection

Molex header 09-65-2038 or **Connector Type-Input:**

equivalent, mating with Molex

housing 09-50-1031 or

equivalent

Molex header 09-65-2068 or **Conntector Type-Output:** equivalent, mating with Molex

housing 09-50-1061 or

equivalent

Remote Control: No



SAFETY STANDARD APPAOVAL

CSUS (SM) - BANKET - CORPUT



ENVIRONMENTAL SPECIFICATION

Operating temperature: -100 to +700

De-rating: De-rate from 100% at +501, linearly to 50% at +70

Storage temperature: -401 to +851

Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

87% /115Vac & 89% / 230Vac Efficiency:

@Full Road% minimum on all

models

Hold-up time: 12 ms minimum at 12 VAC Line regulation: ±0.2% maximum at full load 5600 VDC from input to Withstand voltage:

output,

2100 VDC from input to

ground,

700 VDC from output to

around.

MTBF: 270,000 hours minimum at full

load at 25 🛮 ambient. calculated per MIL-HDBK-

217F

EMC PERFORMANCE

VCCI:

EN61000-4-11:

EN55011: Class B Conducted, Class B

radiated

EN55022: Class B Conducted, Class B

radiated

FCC: Class B Conducted, Class B radiated

Class B Conducted, Class B

radiated

Harmonic distortion, Class A

EN61000-3-2: and D

Line flicker

EN61000-3-3: EN61000-4-2:

ESD, ±8 KV air, ±6 KV contact EN61000-4-3: Radiated immunity, 3 V/m EN61000-4-4: Fast transient/burst, ±2 KV EN61000-4-5: Surge, ±1 KV diff., ±2 KV com. EN61000-4-6: Conducted immunity, 3 Vrms EN61000-4-8: Magnetic field immunity, 3 A/m

> Voltage dip immunity, 30% reduction for 500ms (Criteria A @ 230VAC, Criteria B @ 100VAC), > 95% reduction for



DESCRIPTION

100W Open frame type power supply with 15V DC output for information technology and industrial applications

APPLICATION

For information technology and industrial applications

FEATURES

- Compact size 2" x 4" x 1.26"
- High power density 10 W / cubic inch
- 100W output with convection cooling up to 50°C
- Low earth leakage current
- EN55022 class B emissions
- RoHS compliant

WATTAGE 100W Wattage:

PRODUCT HIGHLIGHT

Efficiency Level: 87% / 115Vac & 89% / 230Vac

Output Voltage:

Size: 50.8 (2") x 101.6 (4") x 32 (1.26")

INPUT SPECIFICATION

Input Type: AC-DC Input Voltage: 90~132 Vac **Input Frequency:** 47~63 Hz

1.9A (rms) for 100 - 120 VAC 1.1A **Input Current:**

(rms) for 200 - 240 VAC

Inrush current: 40A @115VAC; 80A @ 230VAC Earth leakage current 150µA max. @264VAC, 63Hz

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1

15 V, 6.70 A

Ripple & Noise:

Output1

150mV

Over Voltage Protection:

Output1

110% - 140%

Over current All outputs protected to short circuit conditions

protection:

All outputs ±0.04% / [] maximum **Temperature**

coefficien:

Transient response: Maximum excursion of 4% or better on all models, recovering to 1% of

final value within 500 µs after a

25% step load change

MECHANICAL

50.8mm(L) x 101.6mm(W) x Dimension:

32.0mm(H)

convection Cooling:

Molex header 09-65-2038 or **Connector Type-Input:** equivalent, mating with Molex

housing 09-50-1031 or

equivalent

Molex header 09-65-2068 or **Conntector Type-Output:**

> equivalent, mating with Molex housing 09-50-1061 or

equivalent

Remote Control: No



SAFETY STANDARD APPAOVAL

CSUS (SM) - BANKET - CORPUT



ENVIRONMENTAL SPECIFICATION

Operating temperature: -100 to +700

De-rating: De-rate from 100% at +501, linearly to 50% at +70

Storage temperature: -401 to +851

Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

87% /115Vac & 89% / 230Vac Efficiency:

@Full Road% minimum on all

models

Hold-up time: 12 ms minimum at 12 VAC Line regulation: ±0.2% maximum at full load Withstand voltage:

5600 VDC from input to

output,

2100 VDC from input to

ground,

700 VDC from output to

around.

MTBF: 270,000 hours minimum at full

load at 25 🛮 ambient. calculated per MIL-HDBK-

217F

EMC PERFORMANCE

VCCI:

EN61000-3-2:

EN61000-4-6:

EN55011: Class B Conducted, Class B

radiated

EN55022: Class B Conducted, Class B

radiated

FCC: Class B Conducted, Class B radiated

Class B Conducted, Class B

radiated

Harmonic distortion, Class A and D

EN61000-3-3: Line flicker

EN61000-4-2:

ESD, ±8 KV air, ±6 KV contact EN61000-4-3: Radiated immunity, 3 V/m EN61000-4-4: Fast transient/burst, ±2 KV EN61000-4-5: Surge, ±1 KV diff., ±2 KV com.

Conducted immunity, 3 Vrms EN61000-4-8: Magnetic field immunity, 3 A/m EN61000-4-11: Voltage dip immunity, 30%

reduction for 500ms (Criteria A @ 230VAC, Criteria B @ 100VAC), > 95% reduction for



DESCRIPTION

100W Open frame type power supply with 18V DC output for information technology and industrial applications

APPLICATION

For information technology and industrial applications

FEATURES

- Compact size 2" x 4" x 1.26"
- High power density 10 W / cubic inch
- 100W output with convection cooling up to 50°C
- Low earth leakage current
- EN55022 class B emissions
- RoHS compliant

WATTAGE Wattage:

PRODUCT HIGHLIGHT

Efficiency Level: 87% / 115Vac & 89% / 230Vac

100W

Output Voltage:

Size: 50.8 (2") x 101.6 (4") x 32 (1.26")

INPUT SPECIFICATION

Input Type: AC-DC Input Voltage: 90~132 Vac **Input Frequency:** 47~63 Hz

1.9A (rms) for 100 - 120 VAC 1.1A **Input Current:**

(rms) for 200 - 240 VAC

Inrush current: 40A @115VAC; 80A @ 230VAC Earth leakage current 150µA max. @264VAC, 63Hz

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1 18 V, 5.56 A

Ripple & Noise:

Output1 180mV

Over Voltage Protection:

Output1

110% - 140%

Over current All outputs protected to short circuit

protection: conditions

All outputs ±0.04% / [] maximum **Temperature**

coefficien:

Transient response: Maximum excursion of 4% or better on all models, recovering to 1% of

final value within 500 µs after a

25% step load change

MECHANICAL

50.8mm(L) x 101.6mm(W) x Dimension:

32.0mm(H) convection Cooling:

Molex header 09-65-2038 or **Connector Type-Input:** equivalent, mating with Molex

housing 09-50-1031 or

equivalent

Molex header 09-65-2068 or **Conntector Type-Output:**

> equivalent, mating with Molex housing 09-50-1061 or

equivalent

Remote Control: No



SAFETY STANDARD APPAOVAL

CSUS (SM) - BANKET - CORPUT



ENVIRONMENTAL SPECIFICATION

Operating temperature: -100 to +700

De-rating: De-rate from 100% at +501, linearly to 50% at +70

Storage temperature: -401 to +851

Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

87% /115Vac & 89% / 230Vac Efficiency:

@Full Road% minimum on all

models

Hold-up time: 12 ms minimum at 12 VAC Line regulation: ±0.2% maximum at full load 5600 VDC from input to Withstand voltage:

output,

2100 VDC from input to

ground,

700 VDC from output to

around.

MTBF: 270,000 hours minimum at full

load at 25 🛮 ambient. calculated per MIL-HDBK-

217F

EMC PERFORMANCE

EN55011: Class B Conducted, Class B

radiated

EN55022: Class B Conducted, Class B

radiated

FCC: Class B Conducted, Class B radiated

Class B Conducted, Class B VCCI: radiated

EN61000-3-2: Harmonic distortion, Class A and D

EN61000-3-3: Line flicker

EN61000-4-2: ESD, ±8 KV air, ±6 KV contact EN61000-4-3: Radiated immunity, 3 V/m EN61000-4-4: Fast transient/burst, ±2 KV EN61000-4-5: Surge, ±1 KV diff., ±2 KV com. EN61000-4-6: Conducted immunity, 3 Vrms

EN61000-4-8: Magnetic field immunity, 3 A/m EN61000-4-11: Voltage dip immunity, 30%

reduction for 500ms (Criteria A @ 230VAC, Criteria B @ 100VAC), > 95% reduction for



DESCRIPTION

100W Open frame type power supply with 24V DC output for information technology and industrial applications

APPLICATION

For information technology and industrial applications

FEATURES

- Compact size 2" x 4" x 1.26"
- High power density 10 W / cubic inch
- 100W output with convection cooling up to 50°C
- Low earth leakage current
- EN55022 class B emissions
- RoHS compliant

WATTAGE Wattage: 100W

PRODUCT HIGHLIGHT

Efficiency Level: 87% / 115Vac & 89% / 230Vac

Output Voltage:

50.8 (2") x 101.6 (4") x 32 (1.26") Size:

INPUT SPECIFICATION

AC-DC Input Type: Input Voltage: 90~132 Vac **Input Frequency:** 47~63 Hz

Input Current: 1.9A (rms) for 100 - 120 VAC 1.1A

(rms) for 200 - 240 VAC

40A @115VAC : 80A @ 230VAC Inrush current: Earth leakage current 150µA max. @264VAC, 63Hz

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1 24 V, 4.2 A

Ripple & Noise:

Output1 240 mV

Over Voltage Protection:

Output1

110% - 140%

Over current All outputs protected to short circuit

protection: conditions

All outputs ±0.04% / [] maximum **Temperature**

coefficien:

Maximum excursion of 4% or better **Transient response:**

on all models, recovering to 1% of final value within 500µs after a

25% step load change

MECHANICAL

Cooling:

Dimension: 50.8mm(L) x 101.6mm(W) x

32.0mm(H) convection

Connector Type-Input: Molex header 09-65-2038 or equivalent, mating with Molex

housing 09-50-1031 or

equivalent

Conntector Type-Output: Molex header 09-65-2068 or

equivalent, mating with Molex

housing 09-50-1061 or

equivalent

Remote Control: No



SAFETY STANDARD APPAOVAL

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ENVIRONMENTAL SPECIFICATION

Operating temperature: -100 to +700

De-rating: De-rate from 100% at +500,

linearly to 50% at +70

Storage temperature: -401 to +851

Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

87% /115Vac & 89% / 230Vac Efficiency:

@Full Road% minimum on all

models

12 ms minimum at 12 VAC Hold-up time: Line regulation: ±0.2% maximum at full load 5600 VDC from input to Withstand voltage:

output,

2100 VDC from input to

ground, 700 VDC from output to

around.

MTBF: 270,000 hours minimum at full

> load at 25 ambient, calculated per MIL-HDBK-

217F

EMC PERFORMANCE

EN55011: Class B Conducted, Class B

radiated

EN55022: Class B Conducted, Class B

radiated

FCC: Class B Conducted, Class B radiated

Class B Conducted, Class B VCCI:

radiated

EN61000-3-2: Harmonic distortion, Class A

and D Line flicker

EN61000-3-3: EN61000-4-2:

ESD, ±8 KV air, ±6 KV contact EN61000-4-3: Radiated immunity, 3 V/m Fast transient/burst, ±2 KV EN61000-4-4: EN61000-4-5: Surge, ±1 KV diff., ±2 KV com. EN61000-4-6: Conducted immunity, 3 Vrms EN61000-4-8: Magnetic field immunity, 3 A/m EN61000-4-11: Voltage dip immunity, 30%

reduction for 500ms (Criteria A @ 230 VAC, Criteria B @ 100VAC), > 95% reduction for



DESCRIPTION

100W Open frame type power supply with 28V DC output for information technology and industrial applications

APPLICATION

For information technology and industrial applications

FEATURES

- Compact size 2' x 4" x 1.26"
- High power density 10 W / cubic inch
- 100W output with convection cooling up to 50°C
- Low earth leakage current
- EN55022 class B emissions
- RoHS compliant

WATTAGE

100W Wattage:

PRODUCT HIGHLIGHT

Efficiency Level: 87% / 115Vac & 89% / 230Vac

Output Voltage:

Size: 50.8 (2") x 101.6 (4") x 32 (1.26")

INPUT SPECIFICATION

Input Type: AC-DC Input Voltage: 90~132 Vac **Input Frequency:** 47~63 Hz

1.9A (rms) for 100 - 120 VAC 1.1A **Input Current:**

(rms) for 200 - 240 VAC

Inrush current: 40A @115VAC; 80A @ 230VAC Earth leakage current 150µA max. @264VAC, 63Hz

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1

28 V, 3.58 A

Ripple & Noise:

Output1

280mV

Over Voltage Protection:

Output1

110% - 140%

Over current All outputs protected to short circuit

protection: conditions

All outputs ±0.04% / [] maximum **Temperature**

coefficien:

Transient response: Maximum excursion of 4% or better on all models, recovering to 1% of

final value within 500 µs after a

25% step load change

MECHANICAL

Cooling:

50.8mm(L) x 101.6mm(W) x Dimension:

32.0mm(H) convection

Molex header 09-65-2038 or **Connector Type-Input:** equivalent, mating with Molex

housing 09-50-1031 or

equivalent

Molex header 09-65-2068 or **Conntector Type-Output:**

> equivalent, mating with Molex housing 09-50-1061 or

equivalent

Remote Control: No



SAFETY STANDARD APPAOVAL

CSUS (SM) - BANKET - CORPUT

ENVIRONMENTAL SPECIFICATION

Operating temperature: -100 to +700

De-rating: De-rate from 100% at +500, linearly to 50% at +70

Storage temperature: -401 to +851

Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

87% /115Vac & 89% / 230Vac Efficiency:

@Full Road% minimum on all

models

Hold-up time: 12 ms minimum at 12 VAC Line regulation: ±0.2% maximum at full load Withstand voltage:

5600 VDC from input to

output,

2100 VDC from input to

ground,

700 VDC from output to

around.

MTBF: 270,000 hours minimum at full

load at 25 ambient, calculated per MIL-HDBK-

217F

EMC PERFORMANCE

EN61000-4-11:

EN55011: Class B Conducted, Class B

radiated

EN55022: Class B Conducted, Class B

radiated

FCC: Class B Conducted, Class B radiated

Class B Conducted, Class B VCCI: radiated

EN61000-3-2: Harmonic distortion, Class A and D

Line flicker

EN61000-3-3: EN61000-4-2:

ESD, ±8 KV air, ±6 KV contact EN61000-4-3: Radiated immunity, 3 V/m Fast transient/burst, ±2 KV EN61000-4-4: EN61000-4-5: Surge, ±1 KV diff., ±2 KV com. EN61000-4-6: Conducted immunity, 3 Vrms EN61000-4-8: Magnetic field immunity, 3 A/m

> Voltage dip immunity, 30% reduction for 500ms (Criteria A @ 230VAC, Criteria B @

100VAC), > 95% reduction for



DESCRIPTION

100W Open frame type power supply with 36V DC output for information technology and industrial applications

APPLICATION

For information technology and industrial applications

FEATURES

- Compact size 2" x 4" x 1.26"
- High power density 10 W / cubic inch
- 100W output with convection cooling up to 50°C
- Low earth leakage current
- EN55022 class B emissions
- RoHS compliant

WATTAGE

100W Wattage:

PRODUCT HIGHLIGHT

Efficiency Level: 87% / 115Vac & 89% / 230Vac

Output Voltage:

Size: 50.8 (2") x 101.6 (4") x 32 (1.26")

INPUT SPECIFICATION

Input Type: AC-DC Input Voltage: 90~132 Vac **Input Frequency:** 47~63 Hz

1.9A (rms) for 100 - 120 VAC 1.1A **Input Current:**

(rms) for 200 - 240 VAC

Inrush current: 40A @115VAC; 80A @ 230VAC Earth leakage current 150µA max. @264VAC, 63Hz

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1

36 V, 2.78 A

Ripple & Noise:

Output1

360mV

Over Voltage Protection:

Output1

110% - 140%

Over current All outputs protected to short circuit

protection: conditions

All outputs ±0.04% / [] maximum **Temperature**

coefficien:

Transient response: Maximum excursion of 4% or better on all models, recovering to 1% of

final value within 500 µs after a

25% step load change

MECHANICAL

50.8mm(L) x 101.6mm(W) x Dimension:

32.0mm(H) convection Cooling:

Molex header 09-65-2038 or **Connector Type-Input:**

equivalent, mating with Molex

housing 09-50-1031 or equivalent

Molex header 09-65-2068 or **Conntector Type-Output:**

> equivalent, mating with Molex housing 09-50-1061 or

equivalent

Remote Control: No



SAFETY STANDARD APPAOVAL

CSUR (SM) - BANKET - CORPUT



ENVIRONMENTAL SPECIFICATION

Operating temperature: -100 to +700

De-rating: De-rate from 100% at +501, linearly to 50% at +70

Storage temperature: -401 to +851

Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

87% /115Vac & 89% / 230Vac Efficiency:

@Full Road% minimum on all

models

Hold-up time: 12 ms minimum at 12 VAC Line regulation: ±0.2% maximum at full load Withstand voltage:

5600 VDC from input to

output,

2100 VDC from input to

ground,

700 VDC from output to

around.

MTBF: 270,000 hours minimum at full

load at 25 🛮 ambient. calculated per MIL-HDBK-

217F

EMC PERFORMANCE

VCCI:

EN55011: Class B Conducted, Class B

radiated

EN55022: Class B Conducted, Class B

radiated

FCC: Class B Conducted, Class B radiated

Class B Conducted, Class B

radiated EN61000-3-2: Harmonic distortion, Class A

and D

EN61000-3-3: Line flicker

EN61000-4-2: ESD, ±8 KV air, ±6 KV contact EN61000-4-3: Radiated immunity, 3 V/m EN61000-4-4: Fast transient/burst, ±2 KV

EN61000-4-5: Surge, ±1 KV diff., ±2 KV com. EN61000-4-6: Conducted immunity, 3 Vrms EN61000-4-8: Magnetic field immunity, 3 A/m EN61000-4-11: Voltage dip immunity, 30%

reduction for 500ms (Criteria A @ 230VAC, Criteria B @ 100VAC), > 95% reduction for



DESCRIPTION

100W Open frame type power supply with 48V DC output for information technology and industrial applications

APPLICATION

For information technology and industrial applications

FEATURES

- Compact size 2" x 4" x 1.26"
- High power density 10 W / cubic inch
- 100W output with convection cooling up to 50°C
- Low earth leakage current
- EN55022 class B emissions
- RoHS compliant

WATTAGE

100W Wattage:

PRODUCT HIGHLIGHT

Efficiency Level: 87% / 115Vac & 89% / 230Vac

Output Voltage:

Size: 50.8 (2") x 101.6 (4") x 32 (1.26")

INPUT SPECIFICATION

Input Type: AC-DC Input Voltage: 90~132 Vac **Input Frequency:** 47~63 Hz

1.9A (rms) for 100 - 120 VAC 1.1A **Input Current:**

(rms) for 200 - 240 VAC

Inrush current: 40A @115VAC; 80A @ 230VAC Earth leakage current 150µA max. @264VAC, 63Hz

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1

48 V, 2.1 A

Ripple & Noise:

Output1

480mV

Over Voltage Protection:

Output1

110% - 140%

Over current All outputs protected to short circuit

protection: conditions

All outputs ±0.04% / [] maximum **Temperature**

coefficien:

Transient response: Maximum excursion of 4% or better

on all models, recovering to 1% of final value within 500 µs after a

25% step load change

MECHANICAL

50.8mm(L) x 101.6mm(W) x Dimension:

32.0mm(H) convection Cooling:

Molex header 09-65-2038 or **Connector Type-Input:**

equivalent, mating with Molex

housing 09-50-1031 or

equivalent

Molex header 09-65-2068 or **Conntector Type-Output:**

> equivalent, mating with Molex housing 09-50-1061 or

equivalent

Remote Control: No



SAFETY STANDARD APPAOVAL

CSUR (SM) - BANKET - CORPUT

ENVIRONMENTAL SPECIFICATION

Operating temperature: -100 to +700

De-rating: De-rate from 100% at +500, linearly to 50% at +70

Storage temperature: -401 to +851

Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

87% /115Vac & 89% / 230Vac Efficiency:

@Full Road% minimum on all

models

Hold-up time: 12 ms minimum at 12 VAC Line regulation: ±0.2% maximum at full load 5600 VDC from input to Withstand voltage:

output,

2100 VDC from input to

ground,

700 VDC from output to

around.

MTBF: 270,000 hours minimum at full

load at 25 ambient, calculated per MIL-HDBK-

217F

EMC PERFORMANCE

VCCI:

EN61000-4-11:

EN55015: Class B Conducted, Class B

radiated

EN55022: Class B Conducted, Class B

radiated

FCC: Class B Conducted, Class B radiated

Class B Conducted, Class B

radiated EN61000-3-2: Harmonic distortion, Class A

and D

Line flicker

EN61000-3-3: EN61000-4-2: ESD, ±8 KV air, ±6 KV contact

EN61000-4-3: Radiated immunity, 3 V/m Fast transient/burst, ±2 KV EN61000-4-4: EN61000-4-5: Surge, ±1 KV diff., ±2 KV com. EN61000-4-6: Conducted immunity, 3 Vrms EN61000-4-8: Magnetic field immunity, 3 A/m

> Voltage dip immunity, 30% reduction for 500ms (Criteria A @ 230VAC, Criteria B @ 100VAC), > 95% reduction for

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