



DC/DC Converters and AC/DC Power Supplies



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RoHS Compliant
ISO9001:2008 Certified





The ConTech product line offers a wide range of DC/DC converters up to and including 50 Watts of output power. The DC/DC product line offers a large variation of case geometries, input ranges, and outputs to meet a wide range of power and space requirements. The AC/DC power supplies offered by ConTech cover an output power range from 4 to 480 Watts. The AC/DC power supplies have a wide input range and are offered in single, dual, and triple output configurations. The available case geometries are PCB mount, Chassis mount, and Din-Rail mount.

ConTech products are manufactured to stringent quality standards. ISO9001-2008 certification is utilized and maintained to comply with the quality and reliability requirements of manufacturing companies throughout the world. All ConTech products are RoHS compliant.

Service and Warranty: ConTech offers cost competitive power conversion solutions with lead time of stock to 6 weeks. Every ConTech power conversion module is covered by a 2-year Warranty.

See ConTech-us.com for complete model selections, datasheets and application notes. Specifications are subject to change without notice.

To order ConTech parts contact us at 877-372-4411 / 925-609-1193 or sales@ConTech-us.com



ConTech units are RoHS Compliant.
See website for complete
RoHS Compliance Statement.



ISO 9001-2008 Certified

DC/DC MODEL SELECTION GUIDE

Series	Power (W)	Input Voltage (VDC)		Output Voltage (VDC)	Case Size	Page
		Nominal	Range			
SPH	1	5, 12, 15, 24	±10%	3.3, 5, 9, 12, 15, ±5, ±9, ±12, ±15	0.77 x 0.24 x 0.40 / 0.77 x 0.28 x 0.40	7
SPF	1	5, 12, 24	±10%	3.3, 5, 9, 12, 15, ±5, ±9, ±12, ±15	0.77 x 0.24 x 0.40 / 0.77 x 0.28 x 0.40	7
SPX	1	5, 12, 24	±10%	5, 9, 12, 15, ±5, ±9, ±12, ±15	0.77 x 0.24 x 0.40 / 0.77 x 0.28 x 0.40	7
SPV	1	5, 12, 24	±10%	5, 9, 12, 15	0.77 x 0.24 x 0.40 / 0.77 x 0.28 x 0.40	7
SPM	1	5, 12	±10%	5, 12, 15, ±5, ±12, ±15	0.87 x 0.30 x 0.49	7
SPB	1	5, 12, 24, 48	2:1	5, 12, 15, 24, ±12, ±15	0.67 x 0.30 x 0.43	8
SMA	1	5, 12, 24	±10%	3.3, 5, 9, 12, 15	0.50 x 0.31 x 0.27 / 0.50 x 0.33 x 0.31	8
SMB	1	5, 12, 24	±10%	±5, ±9, ±12, ±15	0.60 x 0.31 x 0.27 / 0.60 x 0.33 x 0.31	8
SMF	1	5, 12, 24	±10%	5, 12, 15, ±5, ±12, ±15	0.60 x 0.31 x 0.27	8
SMJ	1	5, 12, 15, 24	±10%	3.3, 5, 9, 12, 15, ±5, ±12, ±15	0.54 x 0.31 x 0.28 / 0.64 x 0.31 x 0.28	8
SMH	1	5, 12, 24	±10%	3.3, 5, 12, 15, ±5, ±12, ±15	0.64 x 0.31 x 0.30	9
SMX	1	5, 12, 24, 48	2:1	5, 12, 15, ±12, ±15	0.74 x 0.54 x 0.34	9
SPK	2	5, 12, 24	±10%	3.3, 5, 12, 15, ±5, ±12, ±15	0.77 x 0.30 x 0.40	9
SPR	2	5, 12, 24, 48	2:1	3.3, 5, 12	0.86 x 0.37 x 0.44	9
SPL		12, 24, 48	4:1	3.3, 5, 12, 15, ±5, ±12, ±15	0.86 x 0.37 x 0.44	9
DPN	2	5, 12, 24	±10%	5, 12, 15, ±12, ±15	0.94 x 0.53 x 0.34	10
DPT	2	5, 12, 24	±10%	5, 12, 15, ±5, ±12, ±15	1.25 x 0.80 x 0.40	10
DPW	2	5, 12, 24, 48	2:1	3.3, 5, 12, 15, ±5, ±12, ±15	0.94 x 0.54 x 0.30	10
SMK	2	5, 12, 24	±10%	5, 12, ±5, ±12, ±15	0.50 x 0.37 x 0.34 / 0.60 x 0.37 x 0.34	10
SML	2	5, 12, 24	±10%	3.3, 5, 12, ±5, ±12, ±15	0.54 x 0.37 x 0.34 / 0.64 x 0.37 x 0.34	10
SMP	2	5, 12, 24	±10%	5, 12, 15, ±12, ±15	0.94 x 0.54 x 0.35	11
SMN	2	5, 12, 24, 48	2:1	3.3, 5, 12, 15, ±5, ±12, ±15	0.94 x 0.54 x 0.31	11
DPA	2-3	5, 12, 24, 48	2:1	3.3, 5, 12, 15, ±5, ±12, ±15	1.25 x 0.80 x 0.40	11
DPF	2-3	24, 48	4:1	3.3, 5, 12, 15, ±12, ±15	1.25 x 0.80 x 0.40	11
SMR	2-3	24, 48	4:1	3.3, 5, 12, 15, ±5, ±12, ±15	1.27 x 0.58 x 0.40	11
SPS	3	5, 12, 24, 48	2:1	3.3, 5, 12, 15, ±5, ±12, ±15	0.86 x 0.37 x 0.44	12
SPQ	3	12, 24, 48	4:1	3.3, 5, 12, 15, ±5, ±12, ±15	0.86 x 0.37 x 0.44	12
DPV	3	5, 12, 24	±10%	5, 12, 15, ±12, ±15	1.25 x 0.80 x 0.41	12
DPS	3	5, 12, 24, 48	2:1	5, 12, 15, ±12, ±15	1.25 x 0.80 x 0.40	12
DPU	3	24, 48	4:1	3.3, 5, 12, 15, 24, ±5, ±12, ±15	0.94 x 0.54 x 0.31	12
SMS	3	12, 24, 48	2:1	3.3, 5, 12, 15, ±5, ±12, ±15	1.27 x 0.58 x 0.40	13
SMU	3	24, 48	4:1	3.3, 5, 12, 15, 24, ±5, ±12, ±15	0.94 x 0.54 x 0.31	13
DMC	3-4	24, 48	4:1	3.3, 5, 12, 15, ±5, ±12, ±15	1.25 x 0.80 x 0.40	13
SMZ	5	12, 24, 48	2:1	3.3, 5, 12, 15, ±5, ±12, ±15	1.31 x 0.81 x 0.40	13
SMW	5	24, 48	4:1	3.3, 5, 12, 15, ±5, ±12, ±15	1.31 x 0.81 x 0.40	13
DPL	5-6	12, 24, 48	2:1	5, 12, ±12, ±15	1.25 x 0.80 x 0.47	14
DPJ	5-6	12, 24	2:1	3.3, 5, 12, ±12, ±15	1.25 x 0.80 x 0.40	14
DMJ	5-6	5, 12, 24, 48	2:1	3.3, 5, 12, 15, ±5, ±12, ±15	1.25 x 0.80 x 0.40	14
DMF	5-6	24, 48	4:1	3.3, 5, 12, 15, ±5, ±12, ±15	1.25 x 0.80 x 0.40	14
DMR	5-6	24, 48	4:1	3.3, 5, 12, 15, ±5, ±12, ±15	1.25 x 0.80 x 0.40	14
DPZ	6	24, 48	4:1	3.3, 5, 12, 15, 24, ±5, ±12, ±15	1.25 x 0.80 x 0.40	15
SMQ	6	24, 48	4:1	3.3, 5, 12, 15, 24, ±5, ±12, ±15	0.87 x 0.80 x 0.40	15
DMS	10	12, 24, 48	2:1	2.5, 3.3, 5, 5.1, 12, 15, ±12, ±15	1.25 x 0.80 x 0.40	15
QMH	10	24, 48	4:1	3.3, 5, 5.1, 12, 15, ±5, ±12, ±15	1.00 x 1.00 x 0.40	15
TMD	10	12, 24, 48	2:1	3.3, 5, 12, 15, 24, ±5, ±12, ±15	2.00 x 1.00 x 0.40	15
TMR	10	12, 24, 48	2:1	5, 12, ±12, ±15	2.00 x 1.00 x 0.40	16
TMK	12	24, 48	4:1	3.3, 5, 12, 15, ±5, ±12, ±15	2.00 x 1.00 x 0.40	16
TMS	15	24, 48	4:1	3.3, 5, 5.1, 12, 15, ±5, ±12, ±15	2.00 x 1.00 x 0.40	16
QMJ	20	24, 48	4:1	3.3, 5, 12, 15, ±5, ±12, ±15	1.00 x 1.00 x 0.40	16
TMZ	20	12, 24, 48	2:1	3.3, 5, 12, 15, ±12, ±15	2.00 x 1.00 x 0.40	16

All case drawings are inches (mm)

Specifications subject to change without notice.

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		Nominal	Range			
QMS	25	12, 24, 48	2:1	3.3, 5, 12, 15, ± 12 , ± 15	1.00 x 1.00 x 0.40	17
KMS	25-30	12, 24, 48	2:1	3.3, 5, 12, 15, ± 12 , ± 15	2.00 x 1.60 x 0.37	17
KMW	25-30	24, 48	4:1	3.3, 5, 12, 15, ± 12 , ± 15	2.00 x 1.60 x 0.37	17
TMH	40	12, 24, 48	2:1	3.3, 5, 12, 15, ± 12 , ± 15	2.00 x 1.60 x 0.43	17
TMF	40	24, 48	4:1	3.3, 5, 12, 15, 24, ± 12 , ± 15	2.00 x 1.00 x 0.43	17
TML	50	12, 24, 48	2:1	3.3, 5, 12, 15, 24	2.00 x 1.00 x 0.43	18
TMX	50	24, 48	4:1	3.3, 5, 12, 15, 24	2.00 x 1.00 x 0.43	18

Medical Grade DC/DC Converters



UL60601 Recognized
UL60950

1 WATT SPM SERIES

Outputs: 5, 12, 15, ± 5 , ± 12 , ± 15 VDC
Inputs 5, 12 VDC
Input Range : 10%
6000 VDC Isolation
Package: SIP

2 WATT DPN SERIES

Outputs: 5, 12, 15, ± 12 , ± 15 VDC
Inputs 5, 12, 24 VDC
Input Range : 10%
4000 VAC Isolation
Package: DIP

2 WATT SMP SERIES

Outputs: 5, 12, 15, ± 12 , ± 15 VDC
Inputs 5, 12, 24 VDC
Input Range : 10%
4000 VAC Isolation
Package: SMD

3 WATT DPV SERIES

Outputs: 5, 12, 15, ± 12 , ± 15 VDC
Inputs 5, 12, 24 VDC
Input Range : 10%
3000 VAC Isolation
Package: DIP

5-6 WATT DPL SERIES

Outputs: 5, 12, ± 12 , ± 15 VDC
Inputs 12, 24, 48 VDC
Input Range : 2:1
5600 VDC Isolation
Package: DIP

10 WATT TMR SERIES

Outputs: 5, 12, ± 12 , ± 15 VDC
Inputs 12, 24, 48 VDC
Input Range : 2:1
4200 VAC Isolation
Package: 2 x 1



All case drawings are inches (mm)

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AC/DC SWITCHING POWER SUPPLY SELECTION GUIDE

ENCAPSULATED PCB MOUNT

Series	Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Case Size	Page
		Nominal			
PK-4	4	85 - 264	3.3, 5, 9, 12, 15, 24, ± 12 , ± 15	1.44 x 1.06 x 0.67	19
PK-7	7	85 - 264	3.3, 5, 12, 15, 24 Single	2.00 x 1.00 x 0.77	19
PL-10	10	85 - 264	3.3, 5, 12, 15, 24 Single	2.06 x 1.07 x 0.93	19
PK-10	10	85 - 264	3.3, 5, 12, 15, 24, ± 12 & ± 15 Single and Dual	2.52 x 1.77 x 0.76	19
PK-15	15	85 - 264	5, 12, 15, 24 & 48 Single, Dual and Triple	2.91 x 2.13 x 0.77	19
PK-30	30	85 - 264	5, 12, 15, 24 & 48 Single, Dual and Triple	3.50 x 2.50 x 0.85	20
PK-60	60	85 - 264	5.1, 12, 15, 24, 36 & 48 Single	3.50 x 2.66 x 1.35	20

ENCAPSULATED CHASSIS MOUNT

Series	Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Case Size	Page
		Nominal			
PC-15	15	85 - 264	5, 12, 15, 24 & 48 Single, Dual and Triple	3.78 x 2.13 x 0.92 Chassis Mount	20
PC-30	30	85 - 264	5, 12, 15, 24 & 48 Single, Dual and Triple	4.41 x 2.50 x 1.01 Chassis Mount	20
PC-60	60	85 - 264	5.1, 12, 15, 24, 36 & 48 Single	4.41 x 2.67 x 1.50 Chassis Mount	21

UN-ENCAPSULATED CHASSIS MOUNT

Series	Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Case Size	Page
		Range			
CM25	25	88 - 264	12, 24 & 48 Single	3.61 x 2.00 x 1.12	21
CM35	35	88 - 264	12, 24 & 48 Single	3.92 x 3.19 x 1.44	21
CM50	50	88 - 264	12, 24 & 48 Single	3.92 x 3.82 x 1.40	21
CM75	75	88 - 264	12, 24 & 48 Single	5.08 x 3.84 x 1.50	22
CM100	100	88 - 264	12, 24 & 48 Single	6.26 x 3.84 x 1.50	22
CM150	150	88 - 132 / 176 - 264	12, 24 & 48 Single	7.83 x 3.86 x 1.63	22

UN-ENCAPSULATED DIN MOUNT

Series	Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Case Size	Page
		Range			
DNP120	120	90 - 264	12, 24 & 48 Single	4.65 x 1.57 x 4.88	23
DNP240	240	90 - 264	12, 24 & 48 Single	5.10 x 2.44 x 4.88	23
DNP480	480	90 - 264	24, 36 & 48 Single	5.43 x 3.27 x 4.88	23

ACCESSORIES

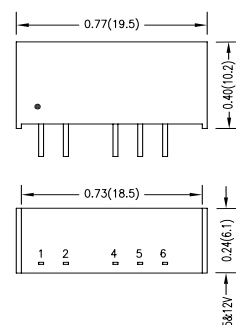
Heatsinks	18
Din Rail Mounting Kits for AC/DC Power Supplies	18

1 Watt SPH Single and Dual Series



Case: SIP Package
 Size: 0.77L x 0.24W x 0.40H (5 & 12V Input)
 0.77L x 0.28W x 0.40H (15 & 24V Input)
 Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, 15 & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 3.3, 5, 6, 7, 9, 12, 15, ± 5 , ± 9 , ± 12 , & ± 15 VDC
- 1000 VDC Isolation
- Efficiency up to 81%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$

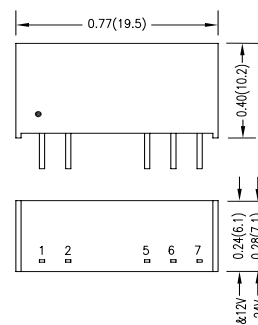


1 Watt SPF Single and Dual Series



Case: SIP Package
 Size: 0.77L x 0.24W x 0.40H (5 & 12V Input)
 0.77L x 0.28W x 0.40H (24V Input)
 Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 3.3, 5, 9, 12, 15, ± 5 , ± 9 , ± 12 , & ± 15 VDC
- 3000 VDC Isolation
- Efficiency up to 81%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$

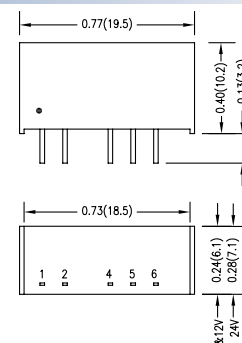


1 Watt SPX Single and Dual Series



Case: SIP Package
 Size: 0.77L x 0.24W x 0.40H (5 & 12V Input)
 0.77L x 0.28W x 0.40H (24V Input)
 Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 5, 9, 12, 15, ± 5 , ± 9 , ± 12 , & ± 15 VDC
- 1000 VDC Isolation
- Efficiency up to 88%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- CSA60950 Approved

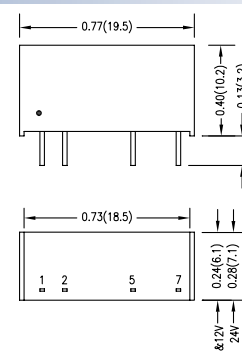


1 Watt SPV Single Series



Case: DIP Package
 Size: 0.77L x 0.24W x 0.40H (5 & 12V Input)
 0.77L x 0.28W x 0.40H (24V Input)
 Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 5, 9, 12, & 15 VDC
- 3000 VDC Isolation
- Efficiency up to 88%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- CSA60950 Approved

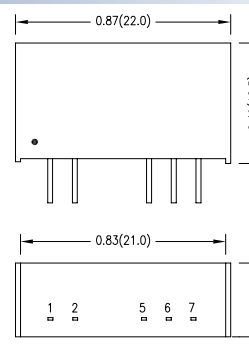


1 Watt SPM Single and Dual Series



Case: SIP Package
 Size: 0.87L x 0.30W x 0.49H
 Material: Non-Conductive Black Plastic

- Input Voltage 5 & 12 VDC
- Input Range $\pm 10\%$
- Output Voltage 5, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 3000 VAC Isolation
- Efficiency up to 75%
- Switching Frequency 80 kHz Typ.
- Temperature Range -25°C to $+85^{\circ}\text{C}$
- UL60950 & UL60601 Approved



All case drawings are inches (mm)

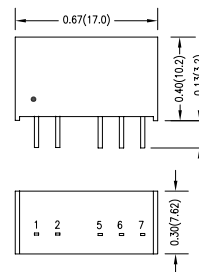
Specifications subject to change without notice.

1 Watt SPB Single and Dual Series



Case: SIP-6 Package
Size: 0.67L x 0.30W x 0.43H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 5, 12, 15, 24, ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 80%
- Switching Frequency 220 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- Compact SIP-6 Package

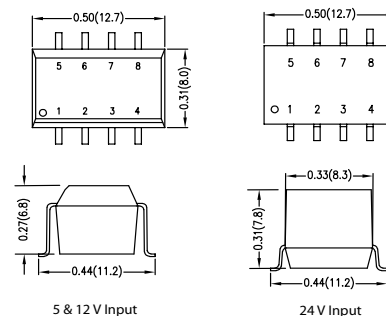


1 Watt SMA Single Series



Case: SMD Package
Size: 0.50L x 0.31W x 0.27H (5 & 12V Input)
0.50L x 0.33W x 0.31H (24V Input)
Material: Molded Non-Conductive Black Plastic

- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 3.3, 5, 9, 12, & 15 VDC
- 1000 VDC Isolation
- Efficiency up to 82%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$

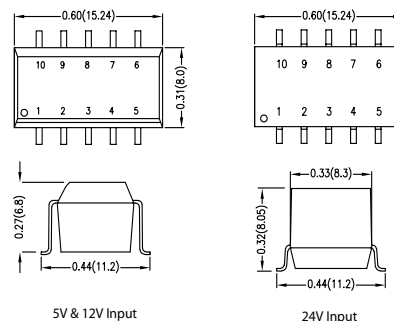


1 Watt SMB Dual Series



Case: SMD Package
Size: 0.60L x 0.31W x 0.27H (5 & 12V Input)
0.60L x 0.33W x 0.31H (24V Input)
Material: Molded Non-Conductive Black Plastic

- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage ± 5 , ± 9 , ± 12 , & ± 15 VDC
- 1000 VDC Isolation
- Efficiency up to 80%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$

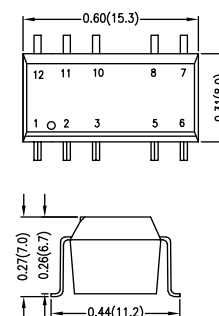


1 Watt SMF Single and Dual Series



Case: SMD Package
Size: 0.60L x 0.31W x 0.27H
Material: Molded Non-Conductive Black Plastic

- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 5, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 3000 VDC Isolation
- Efficiency up to 81%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$

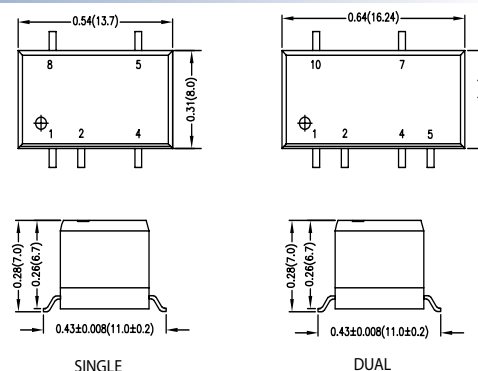


1 Watt SMJ Single and Dual Series



Case: SMD Package
Size: 0.54L x 0.31W x 0.28H (Single)
0.64L x 0.31W x 0.28H (Dual)
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, 15, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 3.3, 5, 9, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 80%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$



All case drawings are inches (mm)

Specifications subject to change without notice.

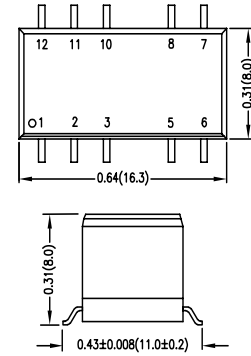
See ConTech Website for Complete Model Selection and Datasheets
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1 Watt SMH Single and Dual Series



Case: SMD Case
Size: 0.64L x 0.31W x 0.30H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 3000 VDC Isolation
- Efficiency up to 81%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$

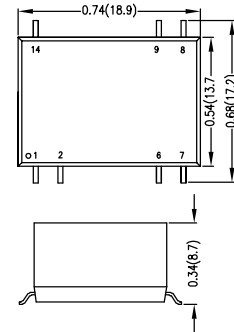


1 Watt SMX Single and Dual Series



Case: SMD Case
Size: 0.74L x 0.54W x 0.34H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, 24, & 48 VDC
- Input Range 2:1
- Output Voltage 5, 12, 15, ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 82%
- Switching Frequency 220 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- Remote On/Off

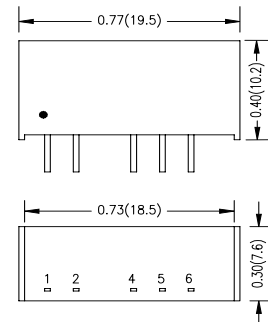


2 Watt SPK Single and Dual Series



Case: SIP Package
Size: 0.77L x 0.30W x 0.40H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 1000 VDC Isolation
- Efficiency up to 83%
- Switching Frequency 80 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$

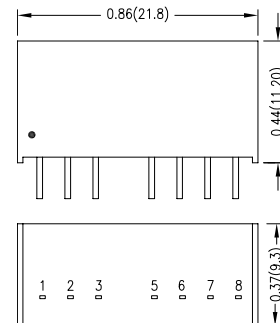


2 Watt SPR Single Series



Case: SIP Package
Size: 0.86L x 0.37W x 0.44H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, & 12 VDC
- 1000 VDC Isolation
- Efficiency up to 81%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- Remote On/Off

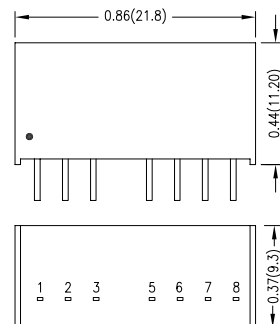


2 Watt SPL Single and Dual Series



Case: SIP-8 Package
Size: 0.86L x 0.37W x 0.44H
Material: Non-Conductive Black Plastic

- Input Voltage 12, 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 82%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to $+90^{\circ}\text{C}$
- Remote On/Off
- High Power Density SIP-8 Package



All case drawings are inches (mm)

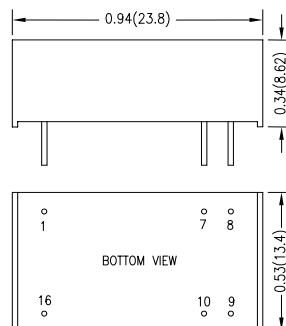
Specifications subject to change without notice.

2 Watt DPN Single and Dual Series



- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 5, 12, 15, ± 12 , & ± 15 VDC
- 4000 VAC Isolation
- Efficiency up to 75%
- Switching Frequency 80 kHz Typ.
- Temperature Range -25°C to $+80^{\circ}\text{C}$
- UL60950 & UL60601 Approved

Case: DIP Package
Size: 0.94L x 0.53W x 0.34H
Material: Non-Conductive Black Plastic

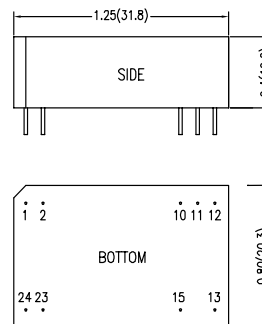


2 Watt DPT Single and Dual Series



- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 5, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 6000 VDC Isolation
- Efficiency up to 64%
- Switching Frequency 80 kHz Max.
- Temperature Range -25°C to $+60^{\circ}\text{C}$

Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Non-Conductive Black Plastic

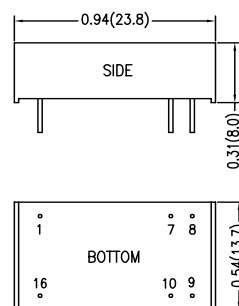


2 Watt DPW Single and Dual Series



- Input Voltage 5, 12, 24, & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 81%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to $+80^{\circ}\text{C}$
- CSA60950 Approved

Case: DIP Package
Size: 0.94L x 0.54W x 0.30H
Material: Non-Conductive Black Plastic

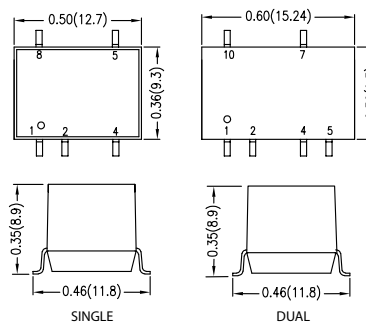


2 Watt SMK Single and Dual Series



- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 5, 12, ± 5 , ± 12 , & ± 15 VDC
- 1000 VDC Isolation
- Efficiency up to 82%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$

Case: SMD Package
Size: 0.50L x 0.37W x 0.34H (Single Output)
0.60L x 0.37W x 0.34H (Dual Output)
Material: Molded Non-Conductive Black Plastic

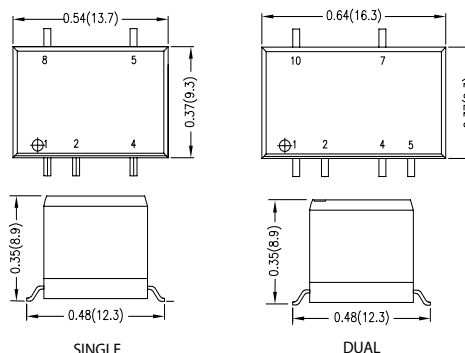


2 Watt SML Single and Dual Series



- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 3.3, 5, 12, ± 5 , ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 80%
- Switching Frequency 100 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$

Case: SMD Package
Size: 0.54L x 0.37W x 0.34H (Single Output)
0.64L x 0.37W x 0.34H (Dual Output)
Material: Non-Conductive Black Plastic



All case drawings are inches (mm)

Specifications subject to change without notice.

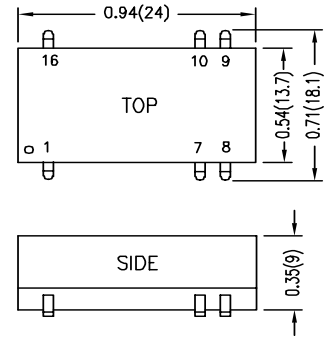
See ConTech Website for Complete Model Selection and Datasheets
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2 Watt SMP Single and Dual Series



Case: SMD Case
Size: 0.94L x 0.54W x 0.35H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 5, 12, 15, ± 12 , & ± 15 VDC
- 4000 VAC Isolation
- Efficiency up to 75%
- Switching Frequency 80 kHz Typ.
- Temperature Range -25°C to $+85^{\circ}\text{C}$
- UL60950 & UL60601 Approved

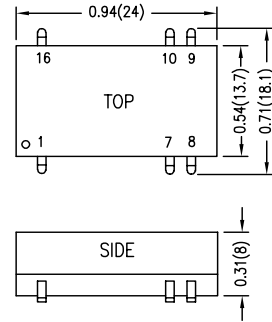


2 Watt SMN Single and Dual Series



Case: SMD Package
Size: 0.94L x 0.54W x 0.31H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, 24, & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 81%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- CSA60950 Approved

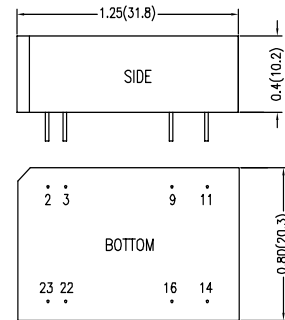


2-3 Watt DPA Single and Dual Series



Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 84%
- Switching Frequency 300 kHz Typ.
- Temperature Range -25°C to $+85^{\circ}\text{C}$
- UL60950 Approved

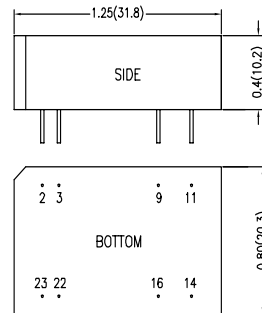


2-3 Watt DPF Single and Dual Series



Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Non-Conductive Black Plastic

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 84%
- Switching Frequency 350 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- CSA60950 Approved

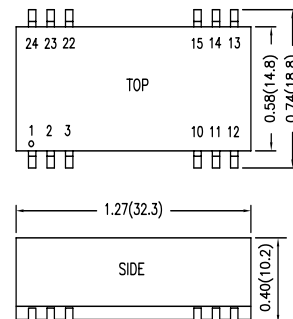


2-3 Watt SMR Single and Dual Series



Case: SMD Package
Size: 1.27L x 0.58W x 0.40H
Material: Non-Conductive Black Plastic

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 83%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to $+71^{\circ}\text{C}$



All case drawings are inches (mm)

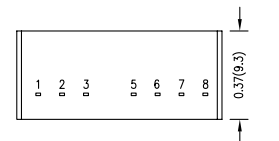
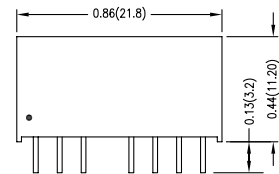
Specifications subject to change without notice.

3 Watt SPS Single and Dual Series



Case: SIP Package
Size: 0.86L x 0.37W x 0.44H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1600 VDC Isolation
- Remote On/Off
- Efficiency up to 83%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to +85°C
- CSA60950 Approved

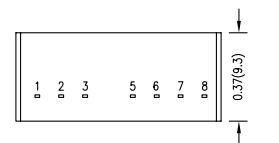
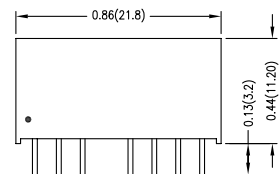


3 Watt SPQ Single and Dual Series



Case: SIP Package
Size: 0.86L x 0.37W x 0.44H
Material: Non-Conductive Black Plastic

- Input Voltage 12, 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1600 VDC Isolation
- Remote On/Off
- Efficiency up to 81%
- Switching Frequency 350 kHz Typ.
- Temperature Range -40°C to +85°C
- CSA60950 Pending

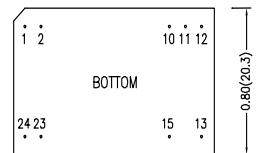
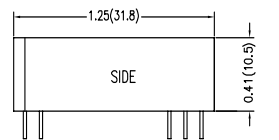


3 Watt DPV Single and Dual Series



Case: DIP Package
Size: 1.25L x 0.80W x 0.41H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, & 24 VDC
- Input Range $\pm 10\%$
- Output Voltage 5, 12, 15, ± 12 & ± 15 VDC
- 3000 VAC Isolation
- Efficiency up to 64%
- Switching Frequency 60 kHz Typ.
- Temperature Range -40°C to +85°C
- UL60950 & UL60601 Approved

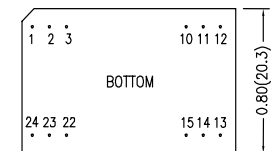
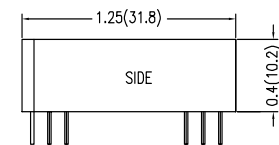


3 Watt DPS Single and Dual Series



Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Non-Conductive Black Plastic

- Input Voltage 5, 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 81%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to +85°C
- CSA/UL60950 Approved

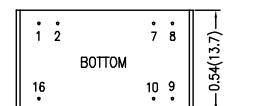
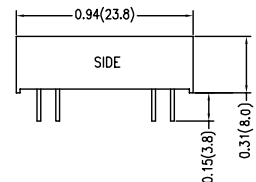


3 Watt DPU Single and Dual Series



Case: DIP Package
Size: 0.94L x 0.54W x 0.31H
Material: Non-Conductive Black Plastic

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, 24, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 80%
- Remote On/Off
- Switching Frequency 350 kHz Typ.
- Temperature Range -40°C to +85°C
- CSA60950 Approved



All case drawings are inches (mm)

Specifications subject to change without notice.

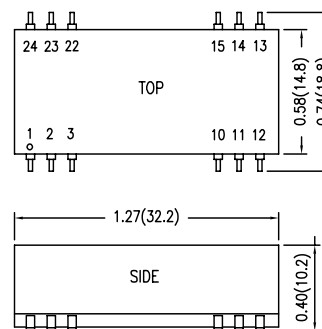
See ConTech Website for Complete Model Selection and Datasheets
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3 Watt SMS Single and Dual Series



Case: SMD Case
Size: 1.27L x 0.58W x 0.40H
Material: Non-Conductive Black Plastic

- Input Voltage 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 83%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to +85°C
- CSA/UL60950 Approved

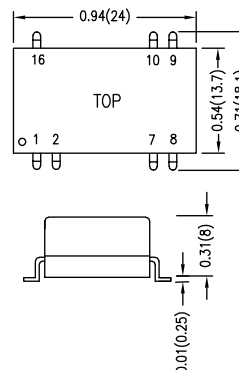


3 Watt SMU Single and Dual Series



Case: SMD Case
Size: 0.94L x 0.54W x 0.31H
Material: Non-Conductive Black Plastic

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, 24, ± 5 , ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 80%
- Remote On/Off
- Switching Frequency 350 kHz Typ.
- Temperature Range -40°C to +80°C
- CSA60950 Approved

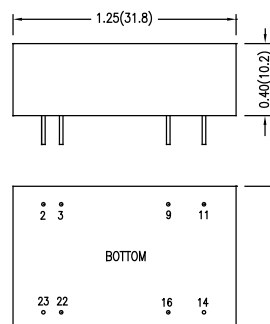


3-4 Watt DMC Single and Dual Series



Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 85%
- Switching Frequency 350 kHz Max.
- Temperature Range -40°C to +85°C
- UL60950 Approved

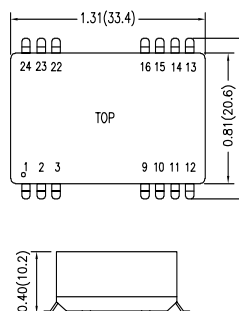


5 Watt SMZ Single and Dual Series



Case: SMD Package
Size: 1.31L x 0.81W x 0.40H
Material: Non-Conductive Black Plastic

- Input Voltage 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 85%
- Switching Frequency 260 kHz Typ.
- Temperature Range -40°C to +85°C
- Remote On/Off
- CSA60950 Approved

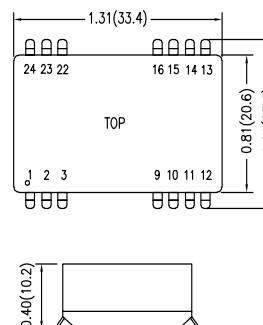


5 Watt SMW Single and Dual Series



Case: SMD Package
Size: 1.31L x 0.81W x 0.40H
Material: Non-Conductive Black Plastic

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 83%
- Switching Frequency 340 kHz Typ.
- Temperature Range -40°C to +85°C
- Remote On/Off



All case drawings are inches (mm)

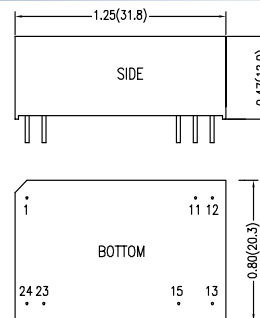
Specifications subject to change without notice.

5-6 Watt DPL Single and Dual Series



- Input Voltage 12, 24, & 48 VDC
- Input Range 2:1
- Output Voltage 5, 12, ± 12 , & ± 15 VDC
- 4000 VAC Isolation
- Efficiency up to 80%
- Switching Frequency 150 kHz Typ.
- Temperature Range -40°C to $+75^{\circ}\text{C}$
- UL60950 & UL60601 Approved

Case: DIP Package
Size: 1.25L x 0.80W x 0.47H
Material: Non-Conductive Black Plastic

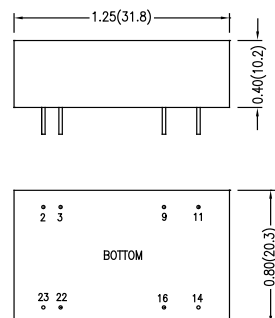


5-6 Watt DPJ Single and Dual Series



- Input Voltage 12 & 24 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 86%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- CSA60950 Approved

Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Non-Conductive Black Plastic

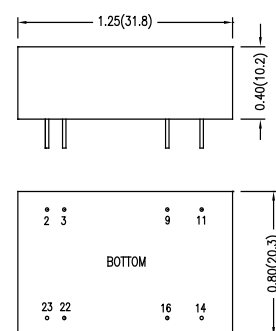


5-6 Watt DMJ Single and Dual Series



- Input Voltage 5, 12, 24, & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 86%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- CSA60950 Approved

Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Metal with Non-Conductive Base Plate

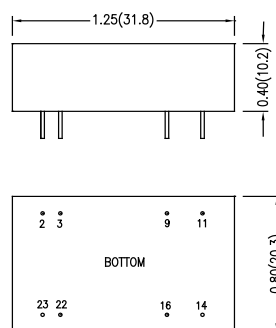


5-6 Watt DMF Single and Dual Series



- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 83%
- Switching Frequency 450 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- CSA60950 Approved

Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Black Anodized Aluminum

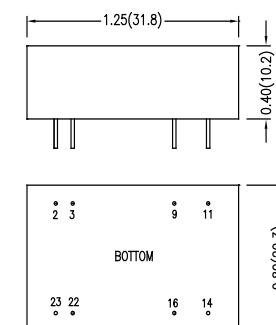


5-6 Watt DMR Single and Dual Series



- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 86%
- Switching Frequency 340 kHz Typ.
- Temperature Range -25°C to $+85^{\circ}\text{C}$
- CSA60950 Approved

Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Metal with Non-Conductive Base Plate



All case drawings are inches (mm)

Specifications subject to change without notice.

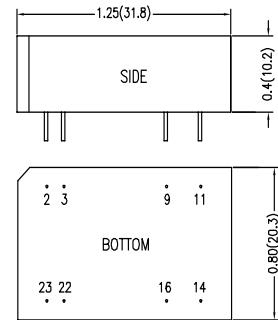
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6 Watt DPZ Single and Dual Series



- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, 24, ± 5 , ± 12 & ± 15 VDC
- 3000 VDC Isolation
- Efficiency up to 84%
- Switching Frequency 330 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$

Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Non-Conductive Black Plastic

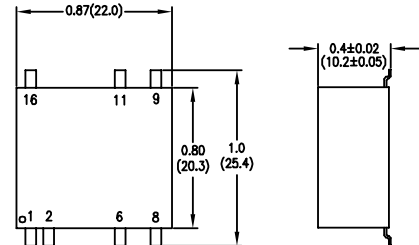


6 Watt SMQ Single and Dual Series



- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, 24, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 83%
- Switching Frequency 330 kHz Typ.
- Temperature Range -40°C to $+80^{\circ}\text{C}$

Case: SMD Package
Size: 0.87L x 0.80W x 0.40H
Material: Non-Conductive Black Plastic

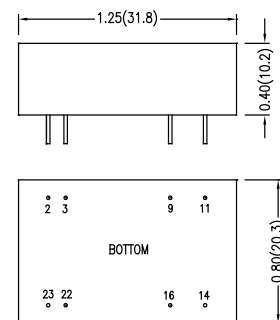


10 Watt DMS Single and Dual Series



- Input Voltage 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 2.5, 3.3, 5, 5.1, 12, 15, ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 88%
- Switching Frequency 400 kHz Typ.
- Temperature Range -40°C to $+75^{\circ}\text{C}$
- CSA60950 Approved

Case: DIP Package
Size: 1.25L x 0.80W x 0.40H
Material: Metal with Non-Conductive Base Plate

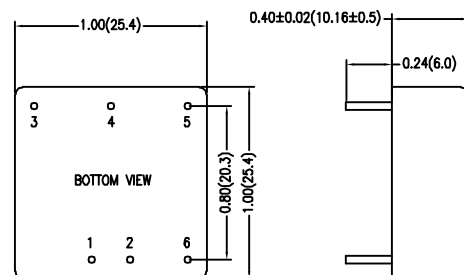


10 Watt QMH Single and Dual Series



- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 5.1, 12, 15, ± 5 , ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 87%
- Switching Frequency 400 kHz Typ.
- Temperature Range -40°C to $+80^{\circ}\text{C}$
- Heatsink (Optional)
- Six Sided Shielded
- CSA60950 Approved

Case: 1" x 1" Case
Size: 1.0L x 1.0W x 0.40H
Material: Metal with Non-Conductive Base Plate

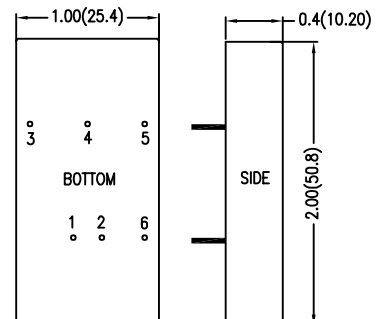


10 Watt TMD Single and Dual Series



- Input Voltage 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, 24, ± 5 , ± 12 , & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 83%
- Switching Frequency 300 kHz Typ.
- Temperature Range -40°C to $+85^{\circ}\text{C}$
- Six Sided Shielded
- UL60950 Approved

Case: 2" x 1" Case
Size: 2.0L x 1.0W x 0.40H
Material: Metal with Non-Conductive Base Plate



All case drawings are inches (mm)

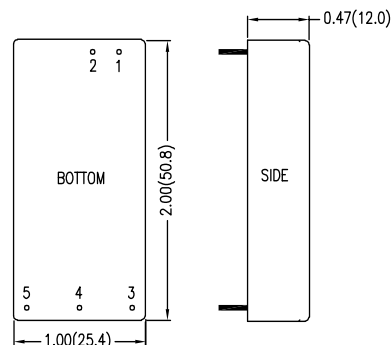
Specifications subject to change without notice.

10 Watt TMR Single and Dual Series



Case: 2" x 1" Package
Size: 2.0L x 1.0W x 0.40H
Material: Non-Conductive Black Plastic

- Input Voltage 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 5, 12, ± 12 & ± 15 VDC
- 4200 VAC Isolation
- Efficiency up to 82%
- Switching Frequency 150 kHz Typ.
- Temperature Range -40°C to +75°C
- UL60950 & UL60601 Pending

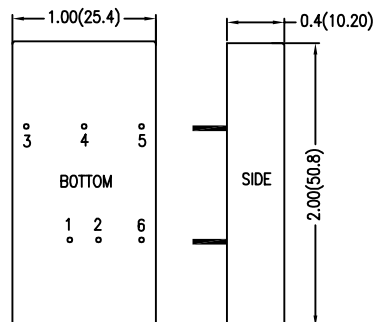


12 Watt TMK Single and Dual Series



Case: 2" x 1" Package
Size: 2.0L x 1.0W x 0.40H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 84%
- Switching Frequency 350 kHz Typ.
- Temperature Range -40°C to +85°C
- Six Sided Shielding
- UL60950 Approved

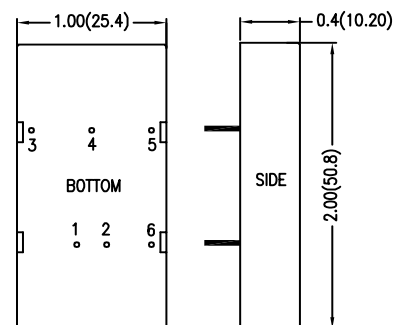


15 Watt TMS Single and Dual Series



Case: 2" x 1" Package
Size: 2.0L x 1.0W x 0.40H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 86%
- Switching Frequency 330 kHz Typ.
- Temperature Range -40°C to +80°C
- Six Sided Shielding
- Heatsink (Optional)
- UL60950 Approved

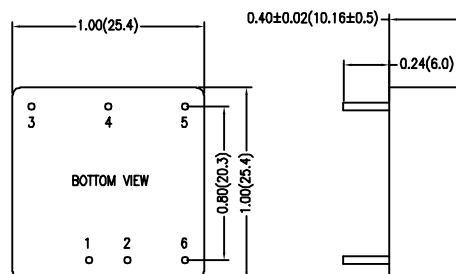


20 Watt QMJ Single and Dual Series



Case: 1" x 1" Package
Size: 1.0L x 1.0W x 0.40H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 5 , ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 89%
- Switching Frequency 330 kHz Typ.
- Temperature Range -40°C to +85°C
- Six Sided Shielding
- Remote On/Off
- CSA60950 Approved

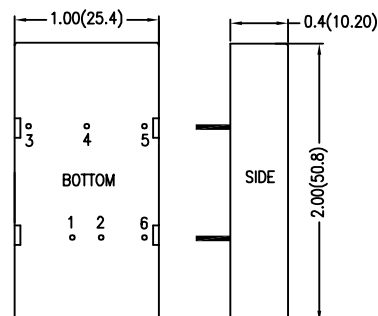


20 Watt TMZ Single and Dual Series



Case: 2" x 1" Package
Size: 2.0L x 1.0W x 0.40H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 89%
- Switching Frequency 330 kHz Typ.
- Temperature Range -40°C to +80°C
- Six Sided Shielding
- Remote On/Off
- Heatsink (Optional)
- CSA60950 Approved



All case drawings are inches (mm)

Specifications subject to change without notice.

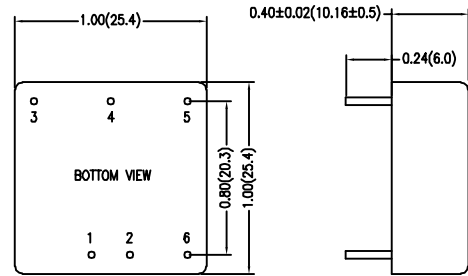
See ConTech Website for Complete Model Selection and Datasheets
www.ConTech-us.com

25 Watt QMS Single and Dual Series



Case: 1" x 1" Package
Size: 1.0L x 1.0W x 0.40H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 90%
- Switching Frequency 285 kHz Typ.
- Temperature Range -40°C to $+80^{\circ}\text{C}$
- Six Sided Shielding
- Remote On/Off

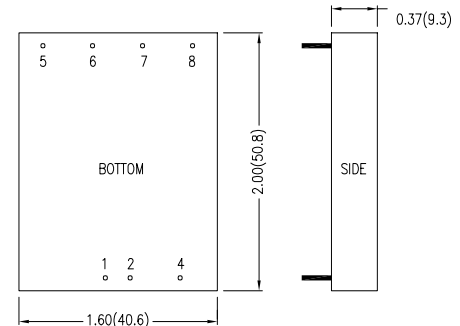


25-30 Watt KMS Single and Dual Series



Case: 2" x 1.6" Package
Size: 2.0L x 1.6W x 0.37H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 89%
- Switching Frequency 330 kHz Typ.
- Temperature Range -40°C to $+80^{\circ}\text{C}$
- Six Sided Shielding
- Remote On/Off
- Output Trim
- Heatsink (Optional)
- CSA60950 Approved

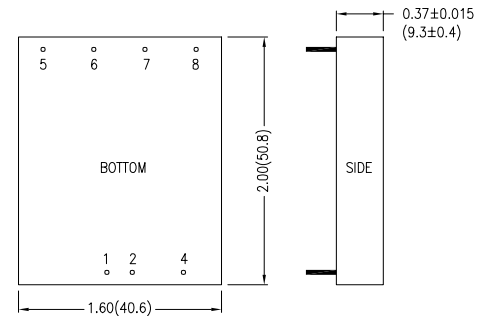


25-30 Watt KMW Single and Dual Series



Case: 2" x 1.6" Package
Size: 2.0L x 1.6W x 0.37H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 89%
- Switching Frequency 330 kHz Typ.
- Temperature Range -40°C to $+80^{\circ}\text{C}$
- Six Sided Shielding
- Remote On/Off
- Output Trim
- Heatsink (Optional)
- UL60950 Approved

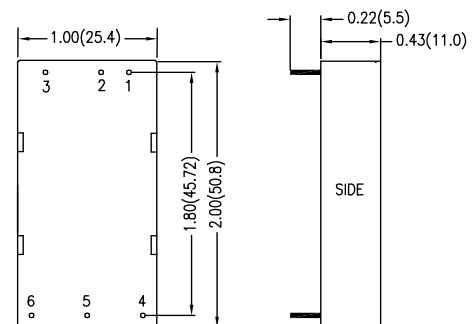


40 Watt TMH Single and Dual Series



Case: 2" x 1" Package
Size: 2.0L x 1.0W x 0.43H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15, ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 92%
- Switching Frequency 320 kHz Typ.
- Temperature Range -40°C to $+80^{\circ}\text{C}$
- Six Sided Shielding
- Remote On/Off
- Output Trim
- Heatsink (Optional)
- CSA60950 Approved

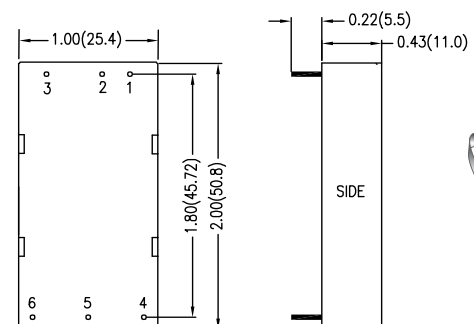


40 Watt TMF Single and Dual Series



Case: 2" x 1" Package
Size: 2.0L x 1.0W x 0.43H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15, 24, ± 12 & ± 15 VDC
- 1500 VDC Isolation
- Efficiency up to 90%
- Switching Frequency 320 kHz Typ.
- Six Sided Shielded Metal Case
- Temperature Range -40°C to $+80^{\circ}\text{C}$
- CSA60950 Pending



All case drawings are inches (mm)

Specifications subject to change without notice.

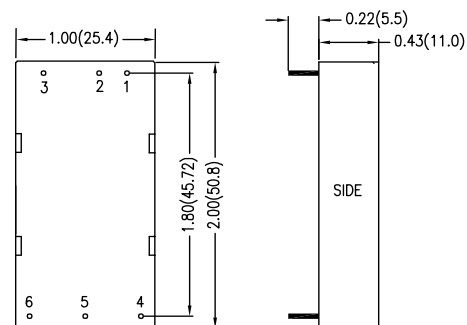
See ConTech Website for Complete Model Selection and Datasheets
www.ConTech-us.com

50 Watt TML Single Series



Case: 2" x 1" Package
Size: 2.0L x 1.0W x 0.43H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 12, 24 & 48 VDC
- Input Range 2:1
- Output Voltage 3.3, 5, 12, 15 & 24 VDC
- 1500 VDC Isolation
- Efficiency up to 92%
- Switching Frequency 320 kHz Typ.
- Temperature Range -40°C to +80°C
- Six Sided Shielding
- Remote On/Off
- Output Trim
- CSA60950 Pending

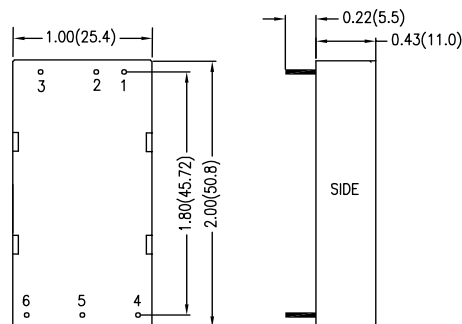


50 Watt TMX Single Series



Case: 2" x 1" Package
Size: 2.0L x 1.0W x 0.43H
Material: Metal with Non-Conductive Base Plate

- Input Voltage 24 & 48 VDC
- Input Range 4:1
- Output Voltage 3.3, 5, 12, 15 & 24 VDC
- 1500 VDC Isolation
- Efficiency up to 92%
- Switching Frequency 285 kHz Typ.
- Temperature Range -40°C to +80°C
- Six Sided Shielding
- Remote On/Off
- Output Trim
- Heatsink (Optional)
- CSA60950 Pending



Accessories

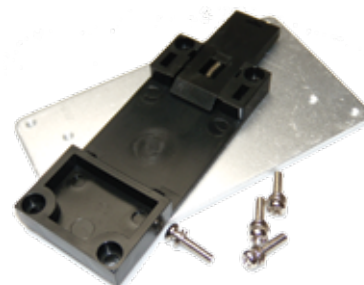
Heatsinks for DC/DC Converters



- HS-01 (Fits 1 x 2 Metal Cases)
- HS-02 (Fits 2 x 1.6 Metal Cases)
- HS-03 (Fits 1 x 1 Metal Cases)

Heatsinks include thermal pad and mounting clips

Din Rail Mounting Kits for AC/DC Power Supplies



- DIN-01 Base Plate (Fits PC-15)
- DIN-02 Base Plate (Fits PC-30)
- DIN-03 Base Plate (Fits PC-60)

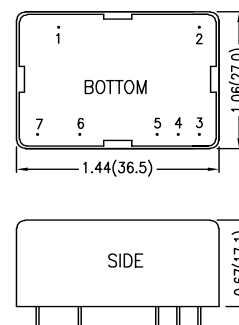
Din-Rail Mounting kit includes metal mounting plate, din rail clip, and mounting hardware for clip and plate.

4 Watt PK-4 Switching Single and Dual Output



- Input Voltage Range 85-264 VAC
- Input Frequency 47-440Hz
- Output Voltage 3.3, 5, 9, 12, 15, 24, ± 12 & ± 15 VDC
- 3000 VAC Isolation
- Efficiency up to 77%
- Switching Frequency 130 kHz Typ.
- Temperature Range -25°C to $+60^{\circ}\text{C}$
- UL60950 Approved

Case Size: 1.44L x 1.06W x 0.67H
Material: Resin and Fiberglass Composite (UL94V-0)

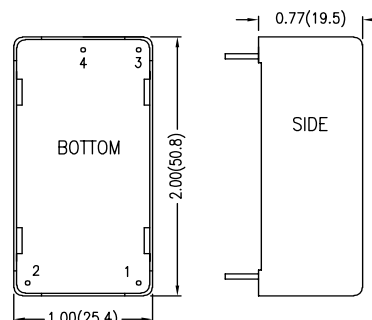


7 Watt PK-7 Switching Single Output



- Input Voltage Range 85-264 VAC
- Input Frequency 47-440Hz
- Output Voltage 3.3, 5, 12, 15, & 24 VDC
- 3000 VAC Isolation
- Efficiency up to 78%
- Switching Frequency 100 kHz Typ.
- Temperature Range -25°C to $+70^{\circ}\text{C}$
- UL60950 Approved

Case Size: 2.00L x 1.00W x 0.77H
Material: Resin and Fiberglass Composite (UL94V-0)

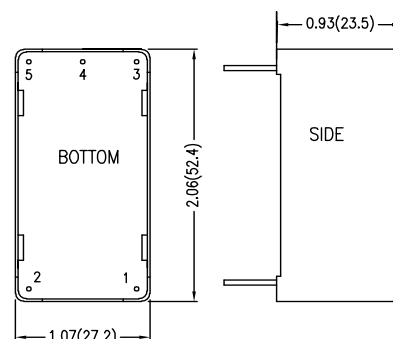


10 Watt PL-10 Switching Single Output



- Input Voltage Range 85-264 VAC
- Input Frequency 47-440Hz
- Output Voltage 3.3, 5, 12, 15, & 24 VDC
- 3000 VAC Isolation
- Efficiency up to 76%
- Switching Frequency 125 kHz Typ.
- Temperature Range -25°C to $+70^{\circ}\text{C}$
- UL60950 Approved

Case Size: 2.06L x 1.07W x 0.93H
Material: Resin and Fiberglass Composite (UL94V-0)

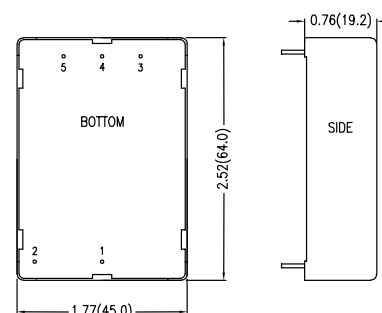


10 Watt PK-10 Switching Single and Dual Output



- Input Voltage Range 85-264 VAC, 47-440Hz
- Output Voltage 3.3, 5, 12, 15, 24, ± 12 & ± 15 VDC
- 3000 VAC Isolation
- Efficiency up to 77%
- Switching Frequency 100 kHz Typ.
- Temperature Range -25°C to $+70^{\circ}\text{C}$
- UL60950 Approved

Case Size: 2.52L x 1.77W x 0.76H
Material: Resin and Fiberglass Composite (UL94V-0)

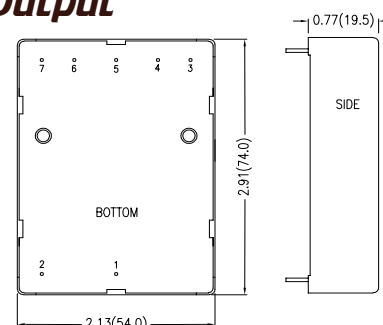


15 Watt PK-15 Switching Single, Dual and Triple Output



- Input Voltage Range 85-264 VAC, 47-440Hz
- Output Voltage 5, 12, 15, 24, 48 VDC (see datasheet or website for output configurations)
- 3000 VAC Isolation
- Efficiency up to 79%
- Switching Frequency 100 kHz Typ.
- Temperature Range -25°C to $+70^{\circ}\text{C}$
- UL60950 Approved

Case Size: 2.91L x 2.13W x 0.77H
Material: Plastic and Fiberglass Composite (UL94V-0)



All case drawings are inches (mm)

Specifications subject to change without notice.

See ConTech Website for Complete Model Selection and Datasheets

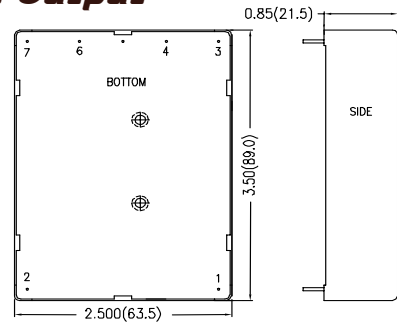
www.ConTech-us.com

30 Watt PK-30 Switching Single, Dual and Triple Output



Case Size: 3.50L x 2.50W x 0.85H
Material: Plastic and Fiberglass Composite (UL94V-0)

- Input Voltage Range 85-264 VAC, 47-440Hz
- Output Voltage 5, 12, 15, 24, 48 VDC (see datasheet or website for output configurations)
- 3000 VAC Isolation
- Efficiency up to 80%
- Switching Frequency 100 kHz Typ.
- Temperature Range -25°C to +70°C
- UL60950 Approved

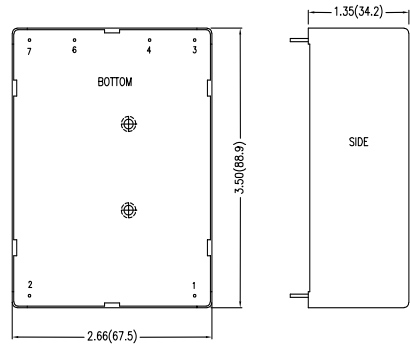


60 Watt PK-60 Switching Single Output



Case Size: 3.50L x 2.66W x 1.35H
Material: Plastic and Fiberglass Composite (UL94V-0)

- Input Voltage Range 85-264 VAC,
- Output Voltage 5.1, 12, 15, 24, 36, 48 VDC
- 3000 VAC Isolation
- Efficiency up to 84%
- Switching Frequency 100 kHz Typ.
- Temperature Range -10°C to +70°C
- UL60950 Approved

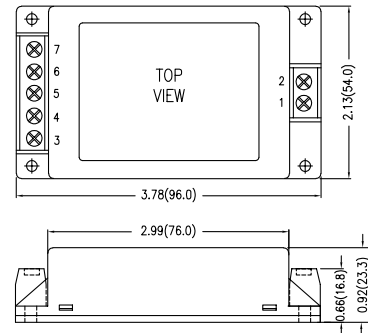


15 Watt PC-15 Switching Single, Dual and Triple Output



Case Size: 3.78L x 2.13W x 0.92H
Material: Plastic and Fiberglass Composite (UL94V-0)

- Input Voltage Range 85-264 VAC, 47-440Hz
- Output Voltage 5, 12, 15, 24, 48 VDC (see datasheet or website for output configurations)
- 3000 VAC Isolation
- Efficiency up to 79%
- Switching Frequency 100 kHz Typ.
- Temperature Range -25°C to +70°C
- Chassis Mount
- Din Rail Mount (Optional DIN-01)
- UL60950 Approved

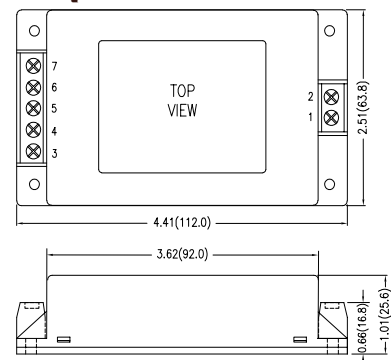


30 Watt PC-30 Switching Single, Dual and Triple Output



Case Size: 4.41L x 2.51W x 1.01H
Material: Plastic and Fiberglass Composite (UL94V-0)

- Input Voltage Range 85-264 VAC, 47-440Hz
- Output Voltage 5, 12, 15, 24, 48 VDC (see datasheet or website for output configurations)
- 3000 VAC Isolation
- Efficiency up to 80%
- Switching Frequency 100 kHz Typ.
- Temperature Range -25°C to +70°C
- Chassis Mount
- Din Rail Mount (Optional DIN-02)
- UL60950 Approved



All case drawings are inches (mm)

Specifications subject to change without notice.

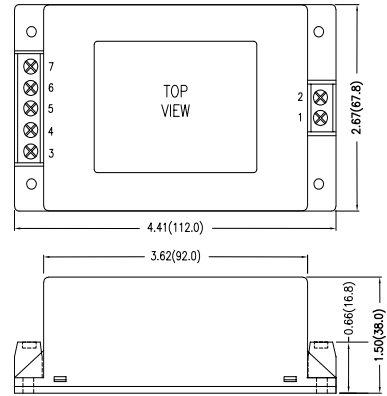
See ConTech Website for Complete Model Selection and Datasheets
www.ConTech-us.com

60 Watt PC-60 Switching Single Output



- Input Voltage Range 85-264 VAC,
- Output Voltage 5.1, 12, 15, 24, 48 VDC
- 3000 VAC Isolation
- Efficiency up to 84%
- Switching Frequency 100 kHz Typ.
- Temperature Range -10°C to +70°C
- Chassis Mount
- Din Rail Mount (Optional DIN-03)
- UL60950 Approved

Case Size: 4.41L x 2.67W x 1.50H
Material: Plastic and Fiberglass Composite (UL94V-0)

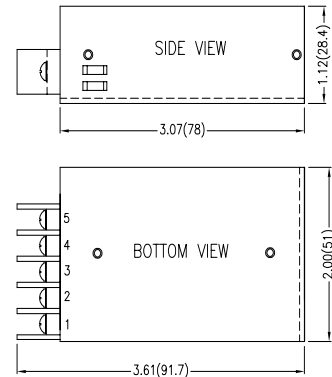


25 Watt Switching Single Output

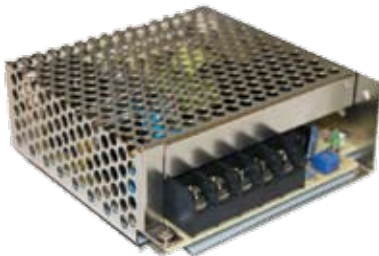


- Universal Input Range
- Input Voltage Range 88-264 VAC
- Output Voltage 12, 24 & 48 VDC
- Adjustable Output
- Efficiency up to 83%
- Single Output
- Short Circuit Protection
- Overload Protection
- Over Voltage Protection
- MTBF > 100,000 Hours

Case Size: 3.61L x 2.00W x 1.12H

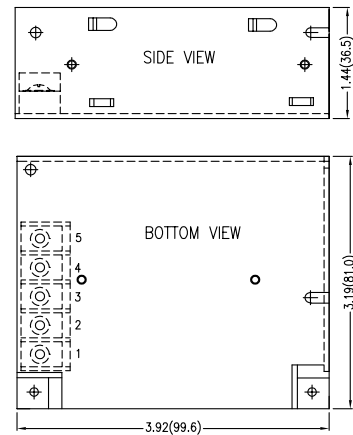


35 Watt Switching Single Output



- Universal Input Range
- Input Voltage Range 88-264 VAC
- Output Voltage 12, 24 & 48 VDC
- Adjustable Output
- Efficiency up to 84%
- Single Output
- Short Circuit Protection
- Overload Protection
- Over Voltage Protection
- MTBF > 100,000 Hours

Case Size: 3.92L x 3.19W x 1.44H

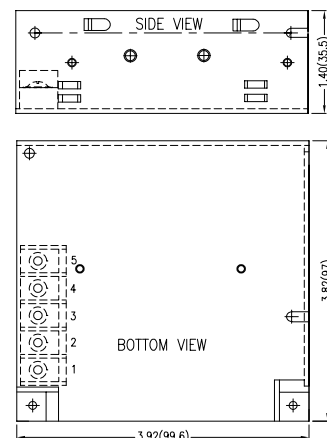


50 Watt Switching Single Output



- Universal Input Range
- Input Voltage Range 88-264 VAC
- Output Voltage 12, 24 & 48 VDC
- Adjustable Output
- Efficiency up to 86%
- Single Output
- Short Circuit Protection
- Overload Protection
- Over Voltage Protection
- MTBF > 100,000 Hours

Case Size: 3.92L x 3.82W x 1.40H



All case drawings are inches (mm)

Specifications subject to change without notice.

See ConTech Website for Complete Model Selection and Datasheets

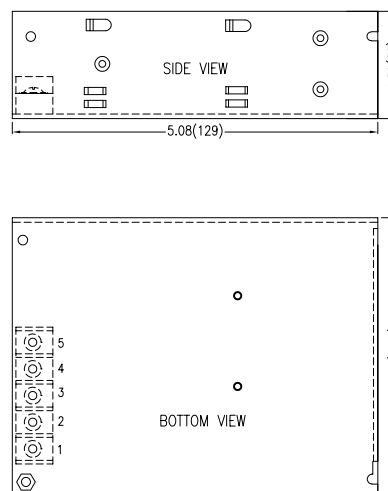
www.ConTech-us.com

75 Watt Switching Single Output



- Universal Input Range
- Input Voltage Range 88-264 VAC
- Output Voltage 12, 24 & 48 VDC
- Adjustable Output
- Efficiency up to 86%
- Single Output
- Short Circuit Protection
- Overload Protection
- Over Voltage Protection
- MTBF > 100,000 Hours

Case Size: 5.08L x 3.84W x 1.50H

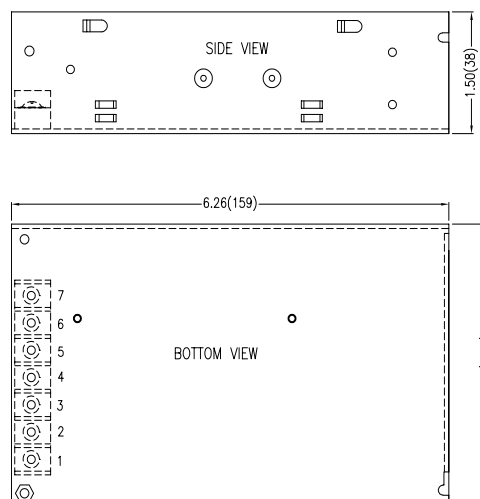


100 Watt Switching Single Output



- Universal Input Range
- Input Voltage Range 88-264 VAC
- Output Voltage 12, 24 & 48 VDC
- Adjustable Output
- Efficiency up to 84%
- Single Output
- Short Circuit Protection
- Overload Protection
- Over Voltage Protection
- MTBF > 100,000 Hours

Case Size: 6.26L x 3.84W x 1.50H

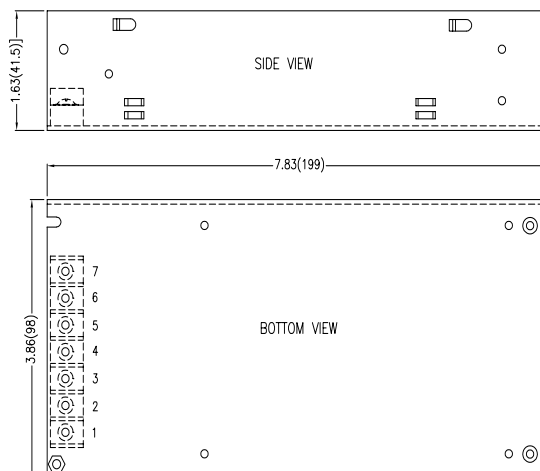


150 Watt Switching Single Output



- Universal Input Range
- Input Voltage Range 88-132 / 176-264 VAC (selected by switch)
- Output Voltage 12, 24 & 48 VDC
- Adjustable Output
- Efficiency up to 87%
- Single Output
- Short Circuit Protection
- Overload Protection
- Over Voltage Protection
- MTBF > 100,000 Hours

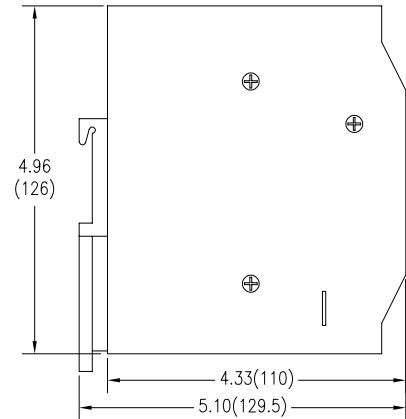
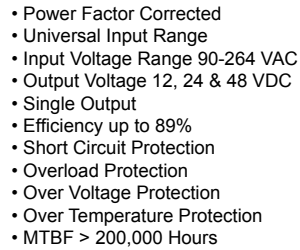
Case Size: 7.83L x 3.86W x 1.63H



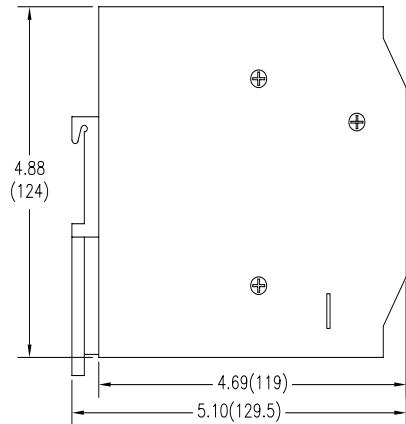
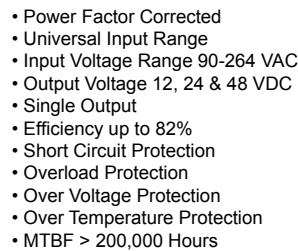
All case drawings are inches (mm)

Specifications subject to change without notice.

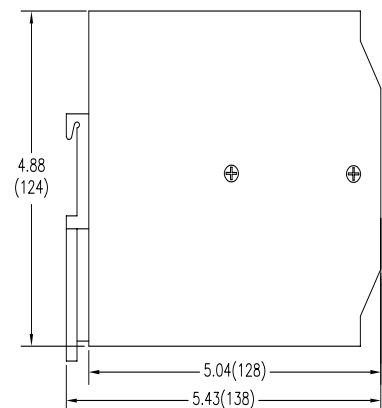
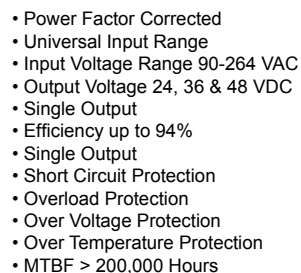
AC/DC Power Supply



240 Watt Din Mount Single Output



480 Watt Din Mount Single Output



All case drawings are inches (mm)

Specifications subject to change without notice.

See ConTech Website for Complete Model Selection and Datasheets

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