

# DIN-Rail Switching Power Supplies

3 LEVELS OF SAVINGS  
 NAME BRANDS HOUSE BRANDS SPECIAL BUY



## DIN-Rail Switching Power Supplies

- Short-circuit, overload, overvoltage protection
- Low cost, high reliability
- 100% full-load burn-in test
- For DIN mounting rail, see page 107
- For DIN-Rail terminal blocks
- Universal AC input range
- Soft-start circuit, limiting AC surge current
- Rail not included

**UL-508**

\* 5-13.8V Web Code: DTW

\* 15-24V Web Code: DTF

\* 27.6-48V Web Code: DFO



Fig. 1

Fig. 2

Fig. 3



Fig. 4

Fig. 5

Fig. 6

Fig. 7

Fig. 8

Fig. 9

Fig. 10

Fig. 11

Fig. 12

Fig. 13

Fig. 14

Part No.	Mfr. Part No.	Fig.	Output Volts @ Curr.	Pwr (W)	Input Voltage (VAC @ Hz/VDC)	Input Current @ Max Load	Size (L" x W" x H")	Wt. (lbs.)	Certification	1	10
2103978	MDR-10-5	2	5VDC @ 2A	10	88-264 @ 47-63	0.33A(115V)/0.21A(230V)	3.5 x .89 x 3.9	0.2	UL/CUL/TUV/CB/CE	\$11.49	\$9.75
2101243	DR-15-5	9	5VDC @ 2.4A	12	85-264 @ 47-63/120-370	0.88A(115V)/0.48A(230V)	1.0 x 3.7 x 2.2	0.4	UL/CUL/TUV/CE	12.95	10.95
1943300	MDR-20-5	2	5VDC @ 3A	15	85-264 @ 47-63/120-370	0.55A(115V)/0.35A(230V)	3.9 x 0.9 x 3.5	0.4	UL/CUL/TUV/CE	13.49	11.95
1943393	MDR-40-5	4	5VDC @ 6A	30	85-264 @ 47-63/120-370	1.1A(115V)/0.7A(230V)	3.9 x 1.6 x 3.5	0.6	UL/CUL/TUV/CE	17.95	14.95
1943449	MDR-60-5	4	5VDC @ 10A	50	85-264 @ 47-63/120-370	1.8A(115V)/1.0A(230V)	3.9 x 1.6 x 3.5	0.7	UL/CUL/TUV/CE	18.95	16.49
1952978	MDR-10-12	2	12VDC @ 0.84A	10	85-264 @ 47-63/120-370	0.33A(155V)/0.21A(230V)	3.9 x 0.9 x 3.5	0.4	UL/CUL/TUV/CE	11.49	9.75
2094952	DR-15-12	9	12VDC @ 1.25A	15	85-264 @ 47-63/120-370	0.88A(115V)/0.48A(230V)	3.7 x 1.0 x 2.2	0.2	UL/CUL/TUV/CE	12.95	10.95
1943334	MDR-20-12	2	12VDC @ 1.67A	20	85-264 @ 47-63/120-370	0.55A(115V)/0.35A(230V)	3.9 x 0.9 x 3.5	0.4	UL/CUL/TUV/CE	13.49	11.95
373182	DR-30-12	1	12VDC @ 2A	24	85-264 @ 47-63/120-370	1.1A(115V)/0.6A(230V)	3.1 x 3.7 x 2.2	0.6	UL/CUL/TUV/CE	15.95	14.25
1943406	MDR-40-12	4	12VDC @ 3.33A	40	85-264 @ 47-63/120-370	1.1A(115V)/0.7A(230V)	3.9 x 1.6 x 3.5	0.6	UL/CUL/TUV/CE	17.95	14.95
192699	DR-4512	3	12VDC @ 3.5A	42	85-264 @ 47-63/120-370	1.5A(115V)/0.75A(230V)	3.0 x 2.6 x 3.6	0.7	UL/CUL/TUV/CE	18.95	16.49
373230	DR-60-12	1	12VDC @ 4.5A	54	85-264 @ 47-63/124-370	1.8A(115V)/1.0A(230V)	3.1 x 3.7 x 2.2	0.7	UL/CUL/TUV/CE	21.49	18.95
1943457	MDR-60-12	4	12VDC @ 5A	60	85-264 @ 47-63/120-370	1.8A(115V)/1.0A(230V)	3.9 x 1.6 x 3.5	0.7	UL/CUL/TUV/CE	18.95	16.49
212291	DR-75-12	7	12VDC @ 6.3A	75	85-264 @ 47-63/120-370	2.0A(115V)/1.2A(230V)	3.9 x 2.1 x 4.9	1.2	UL/CUL/TUV/CE	30.95	25.95
1943481	MDR-100-12	5	12VDC @ 7.5A	90	85-264 @ 47-63/120-370	1.3A(155V)/0.8A(230V)	3.9 x 2.2 x 3.5	0.9	UL/CUL/TUV/CE	33.95	28.95
2218530	EDR-120-12	6	12VDC @ 10A	120	90-264 @ 47-63	2.25A(115V)/1.3A(230V)	4.5 x 1.6 x 5.0	1.32	UL/CUL/TUV/CE	24.95	22.49
212274	DR-120-12	7	12VDC @ 10A	120	88-132/176-264* @ 47-63	2.8A(115V)/1.7A(230V)	2.6 x 3.9 x 4.9	1.4	UL/CUL/TUV/CE	37.95	31.95
2099366	SDR-120-12†	8	12VDC @ 10A	120	88-264/124-370 @ 47-63	1.4A(115V)/1.0.7A(230V)	4.5 x 1.6 x 4.9	1.5	UL/CUL/TUV/CE	50.95	43.95
1943342	MDR-20-15	2	15VDC @ 1.24A	20	85-264 @ 47-63/120-370	0.55A(115V)/0.35A(230V)	3.9 x 0.9 x 3.5	0.4	UL/CUL/TUV/CE	13.49	11.95
1952986	MDR-10-24	2	24VDC @ 0.42A	10	85-264 @ 47-63/120-370	0.33A(115V)/0.21A(230V)	3.9 x 0.9 x 3.5	0.4	UL/CUL/TUV/CE	11.49	9.75
2100873	DR-15-24	9	24VDC @ 0.63A	15.2	85-264 @ 47-63/120-370	0.88A(115V)/0.48A(230V)	2.2 x 1.0 x 3.7	0.2	UL/CUL/TUV/CE	12.95	10.95
1943385	MDR-20-24	2	24VDC @ 1A	24	85-264 @ 47-63/120-370	0.55A(115V)/0.35A(230V)	3.9 x 0.9 x 3.5	0.4	UL/CUL/TUV/CE	13.49	11.95
373203	DR-30-24	1	24VDC @ 1.5A	36	85-264 @ 47-63/120-370	1.1A(115V)/0.6A(230V)	3.1 x 3.7 x 2.2	0.6	UL/CUL/TUV/CE	15.95	14.25
1943422	MDR-40-24	4	24VDC @ 1.7A	40.8	85-264 @ 47-63/120-370	1.1A(115V)/0.7A(230V)	3.9 x 1.6 x 3.5	0.6	UL/CUL/TUV/CE	17.95	14.95
192681	DR-4524	3	24VDC @ 2A	48	85-264 @ 47-63/120-370	1.5A(115V)/0.75A(230V)	3.0 x 2.6 x 3.6	0.7	UL/CUL/TUV/CE	18.95	16.49
1943465	MDR-60-24	4	24VDC @ 2.5A	60	85-264 @ 47-63/120-370	1.8A(115V)/1.0A(230V)	3.9 x 1.6 x 3.5	0.7	UL/CUL/TUV/CE	18.95	16.49
373246	DR-60-24	1	24VDC @ 2.5A	60	85-264 @ 47-63/124-370	1.8A(115V)/1.0A(230V)	3.1 x 3.7 x 2.2	0.7	UL/CUL/TUV/CE	21.49	18.95
212282	DR-75-24	7	24VDC @ 3.2A	75	85-264 @ 47-63/120-370	2.0A(115V)/1.2A(230V)	3.9 x 2.1 x 4.9	1.2	UL/CUL/TUV/CE	30.95	25.95
2190320	SDR-75-24	13	24VDC @ 3.2A	76.8	88-264 @ 47-63	1.4A(115V)/1.0.85A(230V)	4.0 x 1.25 x 4.9	0.4	UL/CUL/TUV/CE	31.95	26.95
1943490	MDR-100-24	5	24VDC @ 4A	90	85-264 @ 47-63/120-370	1.3A(115V)/0.8A(230V)	3.9 x 2.2 x 3.5	0.9	UL/CUL/TUV/CE	33.95	28.95
1943537	DR-100-24	1	24VDC @ 4.2A	100.8	88-264 @ 47-63/124-370	3.0A(115V)/1.6A(230V)	2.2 x 3.9 x 3.7	0.8	UL/CUL/TUV/CE	29.95	25.95
212266	DR-120-24	7	24VDC @ 5A	120	88-132/176-264* @ 47-63	2.8A(115V)/1.7A(230V)	2.6 x 3.9 x 4.9	1.4	UL/CUL/TUV/CE	37.95	31.95
2218548	EDR-120-24	6	24VDC @ 5A	120	90-264 @ 47-63	2.25A(115V)/1.3A(230V)	4.5 x 1.6 x 5.0	1.32	UL/CUL/TUV/CE	24.95	22.49
1953727	DRH-120-24	7	24VDC @ 5A	120	340-550 @ 47-63/480-780	0.65A(400V)/0.6A(500V)	3.9 x 2.6 x 4.9	1.7	UL/CE	54.95	48.95
2099374	SDR-120-24†	8	24VDC @ 5A	120	88-264/124-370 @ 47-63	1.4A(115V)/1.0.7A(230V)	4.5 x 1.6 x 4.9	1.5	UL/CUL/TUV/CE	50.95	43.95
2123055	WDR-120-24	14	24VDC @ 5A	120	180-550 @ 47-63	0.55A(400V)/1.2A(230V)	4.5 x 1.6 x 4.9	0.4	UL/CUL/CB/CE	60.95	52.95
2218564	EDR-150-24	6	24VDC @ 5.2A	125	90-264 @ 47-63	2.6A(115V)/1.7A(230V)	4.5 x 1.6 x 5.0	1.32	UL/CUL/TUV/CE	26.95	23.95
221892	DRP-240-24†	10	24VDC @ 10A	240	85-264 @ 47-63/120-370	2.8A(115V)/1.4A(230V)	3.9 x 4.9 x 4.9	2.4	UL/CUL/TUV/CE	58.95	49.95
373123	DRT-240-24	10	24VDC @ 10A	240	3-phase 340-550 @ 47-63/480-780	0.95A(400V)/0.75A(500V)	3.9 x 4.9 x 4.9	2.9	UL/CUL/TUV/CE	69.95	63.95
2081086	SDR-240-24†	8	24VDC @ 10A	240	88-264 @ 47-63/124-370	2.6A(115V)/1.3A(230V)	2.5 x 4.9 x 4.5	2.5	UL/CUL/TUV/CE	87.95	74.95
252663	DRP-480-24†	11	24VDC @ 20A	480	180-264 @ 47-63/250-370	4.0A(230V)	8.9 x 3.9 x 4.9	4.6	UL/CUL/TUV/CE	102.95	86.95
295938	DRP-480S-24†	11	24VDC @ 20A	480	90-132/180-264* @ 47-63/254-370	11.0A(115V)/4.0A(230V)	8.9 x 3.9 x 4.9	4.6	UL/CUL/TUV/CE	111.95	98.95
372577	DRT-480-24	11	24VDC @ 20A	480	3-phase 340-550 @ 47-63/480-780	1.7A(400V)/1.3(500V)	8.9 x 5.0 x 3.9	5.5	UL/CUL/TUV/CE	116.95	100.95
2094944	SDR-480-24†	12	24VDC @ 20A	480	88-264 @ 47-63/124-370	2.6A(115V)/1.3A(230V)	4.9 x 3.4 x 5.0	4.9	UL/CUL/TUV/CE	143.95	124.95
373131	DRT-960-24	11	24VDC @ 40A	960	340-550 @ 47-63	2A(400V)/1.6A(500V)	10.9 x 3.9 x 4.9	7.3	UL/CUL/TUV/CE	219.95	199.95
1943473	MDR-60-48	4	48VDC @ 1.25A	60	85-264 @ 47-63/120-370	1.8A(115V)/1.0A(230V)	3.9 x 1.6 x 3.5	0.7	UL/CUL/TUV/CE	18.95	16.49
221866	DR-75-48	7	48VDC @ 1.6A	76.8	85-264 @ 47-63	2A(115V)/1.2A(230V)	3.9 x 2.2 x 4.9	1.7	UL/TUV/CE	30.95	25.95
1943502	MDR-100-48	4	48VDC @ 2A	96	85-264 @ 47-63	1.3A(115V)/0.8A(230V)	4.0 x 2.2 x 3.5	0.93	UL/CUL/TUV/CE	33.95	28.95
221904	DR-120-48	7	48VDC @ 2.5A	120	88-132/176-264* @ 47-63	2.8A(115V)/1.7A(230V)	2.6 x 3.9 x 4.9	1.4	UL/CUL/TUV/CE	37.95	31.95
2107338	SDR-120-48	8	48VDC @ 2.5A	120	88-264 @ 47-63	1.4A(115V)/1.0.7A(230V)	4.9 x 1.6 x 4.5	1.5	UL/CUL/TUV/CB/CE	50.95	43.95
221883	DRP-240-48†	10	48VDC @ 5A	240	85-264 @ 47-63/120-370	3.5A(115V)/1.8A(230V)	3.9 x 4.9 x 4.9	2.4	UL/CUL/TUV/CE	58.95	49.95
2094936	SDR-240-48†	8	48VDC @ 5A	240	88-264 @ 47-63/120-370	2.6A(115V)/1.3A(350V)	2.5 x 4.9 x 4.5	2.5	UL/CUL/TUV/CE	87.95	74.95
301306	DRP-480S-48†	11	48VDC @ 10A	480	90-132/180-264* @ 47-63/254-370	11.0A(115V)/4.0A(230V)	8.9 x 3.9 x 4.9	4.6	UL/CUL/TUV/CE	111.95	98.95
2107346	SDR-480-48	12	48VDC @ 10A	480	90-264 @ 47-63	5A(115V)/2.5A(230V)	4.9 x 3.4 x 5.1	3.5	UL/CUL/TUV/CB/CE	143.95	124.95

\* Switch selectable † With Power Factor Correction