

# DC/DC Converter



- High isolation up to 6000 VDC
- Low ripple and noise
- Meet RoHS, CE, UL standard
- High operating temperature
- $\pm 5\%$ ,  $\pm 10\%$  input range
- Continuous short circuit protection



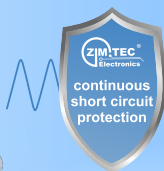
## DC/DC FIXED INPUT, ISOLATION, UNREGULATED SERIES

Product Series	Watt	Single/Dual	Input Voltage (VDC)	Output Voltage (VDC)	Isolation	Package Style / Note
DA	0.5W	Single	3.3, 5, 12, 15, 24, 48	3.3, 5, 7.2, 9, 12, 15, 18, 24	1KV - 3KV	4 Pin SIP / 8 Pin DIP Package, Efficiency up to 86%
	1W	Single / Dual Separate				
	1.5W	Single				
DL	1W	Single / Dual	5, 9, 12, 15, 24	3.3, 5, 9, 12, 15 / $\pm 3.3, \pm 5, \pm 9, \pm 12, \pm 15$	6KV	7 Pin SIP Package, Efficiency up to 81%
D1	0.5W	Single / Dual	3.3, 5, 12, 15, 24, 48	3.3, 5, 7.2, 9, 12, 15, 18, 24 / $\pm 3.3, \pm 5, \pm 7.2, \pm 9, \pm 12, \pm 15, \pm 18, \pm 24$	1KV - 6KV	7 Pin SIP / 14 Pin DIP Package, Efficiency up to 86%
	0.75W					
	1W					
D1P	1W	Single / Dual	5, 12, 24	5, 7.2, 9, 12, 15, 18, 24 / $\pm 5, \pm 7.2, \pm 9, \pm 12, \pm 15, \pm 18, \pm 24$	1KV - 6KV	7 Pin SIP / 14 Pin DIP Package, Continuous short circuit protection, Efficiency up to 76%
DST1	1W	Single / Dual	5, 12, 24 ( $\pm 10\%$ )	5, 12, 15 / $\pm 5, \pm 12, \pm 15$	1.5KV - 3KV	7 Pin SIP Package, Continuous short circuit protection, Efficiency up to 81%, Operating temp.: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
DBZ	1W	Single	3.3, 5, 12, 15, 24 ( $\pm 10\%$ )	3.3, 5, 9, 12, 15, 24	1.5KV	4 Pin SIP / 7 Pin DIP Package, Continuous short circuit protection, Efficiency up to 82%, Operating temp.: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
DFZ	1W	Single	3.3, 5, 9, 12, 15, 24 ( $\pm 10\%$ )	3.3, 5, 9, 12, 15, 24	3KV	7 Pin SIP Package, Continuous short circuit protection, Efficiency up to 89%, Operating temp.: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
	2W					
DEZ	1W	Dual	3.3, 5, 9, 12, 15, 24 ( $\pm 10\%$ )	$\pm 5, \pm 9, \pm 12, \pm 15, \pm 24$	3KV	7 Pin SIP Package, Continuous short circuit protection, Efficiency up to 85%, Operating temp.: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
	2W					
DE	2W	Single	5, 12, 15, 24, 48	3.3, 5, 7.2, 9, 12, 15, 24	1KV - 3KV	4 Pin SIP Package, Efficiency up to 88%
D3	2W	Single / Dual	3.3, 5, 12, 15, 24, 48	3.3, 5, 7.2, 9, 12, 15, 18, 24 / $\pm 3.3, \pm 5, \pm 7.2, \pm 9, \pm 12, \pm 15, \pm 18, \pm 24$	1KV - 6KV	7 Pin SIP / 14 Pin DIP Package, Efficiency up to 86%

## DC/DC FIXED INPUT, ISOLATION, REGULATED SERIES

Product Series	Watt	Single/Dual	Input Voltage (VDC)	Output Voltage (VDC)	Isolation	Package Style / Note
DF	3W	Single	5, 12, 24	3.3, 5, 7.2, 9, 12, 15, 18, 24	1KV - 5KV	12 Pin SIP Package, Efficiency up to 74%
DHD	3.5W	Single	5, 12	3.3, 5, 12, 15,	5KV	24 Pin DIP Package, Efficiency up to 80%
D5	2W	Single / Dual	5, 12, 24	3.3, 5, 7.2, 9, 12, 15, 24 / $\pm 3.3, \pm 5, \pm 7.2, \pm 9, \pm 12, \pm 15, \pm 24$	1KV - 6KV	24 Pin DIP Package, Efficiency up to 81%
	3W					

# DC/DC Converter



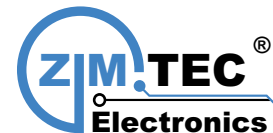
- 2:1, 4:1 input range
- High isolation
- Meet RoHS, CE, UL standard
- High operating temperature
- $\pm 5\%$ ,  $\pm 10\%$  input range
- Remote control and output voltage



## DC/DC WIDE INPUT, ISOLATION, REGULATED SERIES

Product Series	Watt	Single/Dual	Input Voltage (VDC)	Output Voltage (VDC)	Isolation	Package Style / Note
DB	1W	Single / Dual	4.5 - 9, 9 - 18, 18 - 36, 36 - 72	3.3, 5, 9, 12, 15, 24 / $\pm 3.3, \pm 5, \pm 9,$ $\pm 12, \pm 15, \pm 24$	1KV - 3KV	2:1 Wide input range, Continuous short circuit protection, 8 Pin SIP / 16 Pin DIP Package, Efficiency up to 86%
	2W					
	3W					
	6W					
DBW	6W	Single / Dual	9 - 36, 18 - 75	3.3, 5, 9, 12, 15 / $\pm 5, \pm 12, \pm 15$	1.5KV - 3KV	Ultra wide input range, Continuous short circuit protection, 8 Pin DIP Package, Efficiency up to 88%
DJ	1.5W	Single / Dual	9 - 36, 18 - 72	3.3, 5, 9, 12, 15, 24 / $\pm 3.3, \pm 5, \pm 9,$ $\pm 12, \pm 15, \pm 24$	1.5KV - 3.5KV	4:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 80%
	3W					
D6	1.5W	Single / Dual	9 - 18, 18 - 36, 36 - 72	3.3, 5, 9, 12, 15, 24 / $\pm 3.3, \pm 5, \pm 9,$ $\pm 12, \pm 15, \pm 24$	1.5KV - 3.5KV	2:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 83%
	2W					
	3W					
	4W					
	5W					
DR6	1.5W	Single / Dual	4.5 - 9, 9 - 18, 18 - 36, 36 - 72	5, 7.2, 9, 12, 15, 18, 24 / $\pm 5, \pm 7.2, \pm 9,$ $\pm 12, \pm 15, \pm 18, \pm 24$	1.5KV - 3.5KV	2:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 74%
	3W					
DRK	1.5W	Single / Dual	9 - 36, 18 - 72	5, 9, 12, 15, 24 / $\pm 5, \pm 9, \pm 12,$ $\pm 15, \pm 24$	1.5KV - 3.5KV	4:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 74%
DRD	1.5W	Single / Dual	4.5 - 9, 9 - 18, 18 - 36, 36 - 72	5, 7.2, 9, 12, 15, 18, 24 / $\pm 5, \pm 7.2, \pm 9,$ $\pm 12, \pm 15, \pm 18, \pm 24$	1.5KV - 3.5KV	2:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 82%
	3W					
	5W					
DRBW	3W	Single / Dual	4.5 - 18, 9 - 36, 18 - 75	3.3, 5, 12, 15 / $\pm 5, \pm 12, \pm 15$	1.6KV	4:1 Wide input range, Continuous short circuit protection, 8 Pin SIP Package, Efficiency up to 82%
DRW	8W	Single / Dual	13 - 70, 42 - 176	3.3, 5, 12, 15 / $\pm 5, \pm 12, \pm 15$	3KV	Ultra wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 86%
Z9	3W	Single / Dual	9 - 18, 18 - 36, 36 - 75	3.3, 5, 9, 12, 15, 24 / $\pm 5, \pm 9, \pm 12, \pm 15$	3KV	2:1 Wide input range, Continuous short circuit protection, 8 Pin SIP Package, Efficiency up to 84%
Z8	6W	Single / Dual	9 - 18, 18 - 36, 36 - 75	3.3, 5, 9, 12, 15, 24 / $\pm 5, \pm 9, \pm 12, \pm 15,$ $\pm 18, \pm 24$	1.5KV	2:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 89%

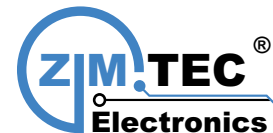
# DC/DC Converter



## DC/DC WIDE INPUT, ISOLATION, REGULATED SERIES

Product Series	Watt	Single/Dual	Input Voltage (VDC)	Output Voltage (VDC)	Isolation	Package Style / Note
DK	4W	Single / Dual	9 - 36, 18 - 72	3.3, 5, 7.2, 9, 12, 15, 18, 24 / $\pm 3.3, \pm 5, \pm 7.2, \pm 9, \pm 12, \pm 15, \pm 18, \pm 24$	1.5KV - 3.5KV	4:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 84%
	5W					
DMK	6W	Single / Dual	9 - 36, 18 - 75	3.3, 5, 12, 15, 24 / $\pm 3.3, \pm 5, \pm 12, \pm 15, \pm 24$	1.5KV - 3KV	4:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 85%
DD	3W	Single / Dual	9 - 18, 18 - 36, 36 - 72	3.3, 5, 9, 12, 15, 24 / $\pm 3.3, \pm 5, \pm 9, \pm 12, \pm 15, \pm 24$	1.5KV - 3.5KV	2:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 85%
	5W					
	6W					
	8W					
D7	7.5W	Single / Dual	9 - 18, 18 - 36, 36 - 72	3.3, 5, 7.2, 9, 12, 15, 18, 24 / $\pm 3.3, \pm 5, \pm 7.2, \pm 9, \pm 12, \pm 15, \pm 18, \pm 24$	1.5KV - 3.5KV	2:1 Wide input range, Continuous short circuit protection, 5 Pin DIP Package, Efficiency up to 87%
	10W					
	12W					
	15W					
D7W	10W	Single / Dual	9 - 36, 18 - 72	3.3, 5, 7.2, 9, 12, 15 / $\pm 5, \pm 7.2, \pm 9, \pm 12, \pm 15$	1.5KV	4:1 Wide Input Range, Continuous short circuit protection, 6 Pin DIP Package, Efficiency up to 86%
	12W					
	15W					
D7E	15W	Single / Dual	9 - 18, 18 - 36, 36 - 75	3.3, 5, 12, 15 / $\pm 3.3, \pm 5, \pm 12, \pm 15$	1.6KV - 3.5KV	2:1 Wide input range, Continuous short circuit protection, 6 Pin DIP Package, Efficiency up to 89%
D7L	15W	Single / Dual	9 - 18, 18 - 36, 36 - 72	3.3, 5, 7.2, 9, 12, 15, 18, 24 / $\pm 3.3, \pm 5, \pm 7.2, \pm 9, \pm 12, \pm 15, \pm 18, \pm 24$	1.5KV	2:1 Wide input range, Continuous short circuit protection, 5 Pin DIP Package, Efficiency up to 88%
	20W					
	25W					
	30W					
Z7	10W	Single / Dual	9 - 36, 18 - 75	3.3, 5, 12, 15, 24 / $\pm 5, \pm 12, \pm 15$	1.5KV	4:1 Wide input range, Short circuit protection, 6 Pin DIP Package, Efficiency up to 90%
	15W					
	20W					
	30W					
DU	12W	Single / Dual	9 - 18, 18 - 36, 36 - 75	2.5, 3.3, 5, 12, 15 / $\pm 12, \pm 15$	1.6KV	2:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 91%
DV	12W	Single / Dual	9 - 18, 18 - 36, 36 - 75	3.3, 5.1, 12, 15 / $\pm 5, \pm 12, \pm 15$	1.6KV	4:1 Wide input range, Continuous short circuit protection, 24 Pin DIP Package, Efficiency up to 90%
D9	20W	Single / Dual	9 - 36, 18 - 75	3.3, 5, 12, 15 / $\pm 5, \pm 12, \pm 15$	1.6KV	4:1 Wide input range, Continuous short circuit protection, 6 Pin DIP Package, Efficiency up to 91%
DT	30W	Single / Dual	9 - 18, 18 - 36, 36 - 75	3.3, 5, 5.1, 12, 15 / $\pm 5, \pm 12, \pm 15$	1.6KV	2:1 Wide input range, Continuous short circuit protection, 6 Pin DIP Package, Efficiency up to 92%
	40W					
DTW	30W	Single / Dual / Triple	9 - 36, 18 - 75	3.3, 5, 5.1, 12, 15 / $\pm 5, \pm 12, \pm 15$	1.6KV	4:1 Wide input range, Continuous short circuit protection, 7 Pin DIP Package, Efficiency up to 90%
DM	25W	Single / Dual	9 - 18, 18 - 36, 36 - 75	3.3, 5, 12, 15 / $\pm 12, \pm 15$	1.5KV	2:1 Wide input range, Continuous short circuit protection, 7 Pin DIP Package, Efficiency up to 91%
	30W					
DM40A	40W	Single / Dual	9 - 36, 18 - 75	3.3, 5, 12, 15 / $\pm 12, \pm 15$	1.6KV	4:1 Wide input range, Continuous short circuit protection, 8 Pin DIP Package, Efficiency up to 92%

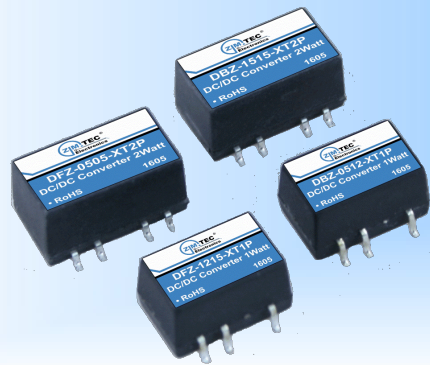
# DC/DC Converter



## DC/DC WIDE INPUT, NON-ISOLATION, REGULATED SERIES

Product Series	Output Current	Single/Dual	Input Voltage (VDC)	Output Voltage (VDC)	Isolation	Package Style / Note
DR78M	500mA	Single	4.75 - 34	1.5, 1.8, 2.5, 3.3, 5, 6.5, 7.2, 9, 12, 15	non	3 Pin SIP Package, Continuous short circuit protection, Efficiency up to 97%
DKZ-78-500P	500mA	Single	4.75 - 32	1.5, 1.8, 2.5, 3.3, 5, 5.2, 6.5, 9, 12, 15	non	3 Pin SIP Package, Continuous short circuit protection, Efficiency up to 96%
DKZ-78-500P3	500mA	Single	4.75 - 36	3.3, 5, 9, 12, 15	non	3 Pin SIP Package, Continuous short circuit protection, No-load input current as low as 0.2mA, Efficiency up to 95%
DKLZ-78-500P3	500mA	Single	4.75 - 36	3.3, 5, 12, 15	non	3 Pin SIP Package, Continuous short circuit protection, No-load input current as low as 0.2mA, Efficiency up to 95%
DR78	1000mA	Single	4.75 - 18	1.5, 1.8, 2.5, 3.3, 5	non	3 Pin SIP Package, Continuous short circuit protection, Efficiency up to 94%
DKZ-78-1000 (L)	1000mA	Single	4.75 - 32	1.5, 1.8, 2.5, 3.3, 5, 6.5, 9, 12, 15	non	3 Pin SIP Package, Short circuit protection, Efficiency up to 97%
DKLZ-78-1000P	1000mA	Single	4.75 - 18	1.5, 1.8, 2.5, 3.3, 5	non	3 Pin SIP Package, Continuous short circuit protection, Efficiency up to 91%
DKZ-78-1500 (L)	1500mA	Single	4.75 - 18	1.5, 1.8, 2.5, 3.3, 5, 6.5	non	3 Pin SIP Package, Short circuit protection, Efficiency up to 95%
DKZ-78-2000 (L)	2000mA	Single	4.75 - 18	1.5, 1.8, 2.5, 3.3, 5, 6.5	non	3 Pin SIP Package, Short circuit protection, Efficiency up to 92%

# DC/DC Converter



- Ultra-Miniature SMD Package
- Continuous short circuit protection
- High isolation up to 3000 VDC
- Meet RoHS, CE, UL standard
- High operating temperature
- Industry standard pinout



## DC/DC SMD PACKAGE, FIXED INPUT, ISOLATION, UNREGULATED SERIES

Product Series	Watt	Single/Dual	Input Voltage (VDC)	Output Voltage (VDC)	Isolation	Package Style / Note
DBZ_XTP2	0.25W	Single	5, 12 (±10%)	5, 12	1.5KV	SMD Package, Continuous short circuit protection, Efficiency up to 80%, Operating temp.: -40°C ~ +105°C
DAZ_XT1P	1W	Dual	3.3, 5, 12, 24 (±10%)	±5, ±9, ±12, ±15, ±24	1.5KV	SMD Package, Continuous short circuit protection, Efficiency up to 82%, Operating temp.: -40°C ~ +105°C
DBZ_XT1P	1W	Single	3.3, 5, 12, 15, 24 (±10%)	3.3, 5, 9, 12, 15, 24	1.5KV	SMD Package, Continuous short circuit protection, Efficiency up to 81%, Operating temp.: -40°C ~ +105°C
DFZ_XTP	0.25W	Single	5, 12 (±10%)	5	3KV	SMD Package, Continuous short circuit protection, Efficiency up to 77%, Operating temp.: -40°C ~ +105°C
DFZ_XT1P	1W	Single	3.3, 5, 12, 15, 24 (±10%)	3.3, 5, 9, 12, 15, 24	3KV	SMD Package, Continuous short circuit protection, Efficiency up to 81%, Operating temp.: -40°C ~ +105°C
DEZ_XT1P	1W	Dual	5, 12, 24 (±10%)	±5, ±9, ±12, ±15, ±24	3KV	SMD Package, Continuous short circuit protection, Efficiency up to 82%, Operating temp.: -40°C ~ +105°C
DSA1-LF	1W	Single / Dual	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15/ ±3.3, ±5, ±9, ±12, ±15	1KV - 3KV	SMD Package, Efficiency up to 83%,
DBZ_XT2P	2W	Single	5, 12, 15, 24 (±10%)	3.3, 5, 9, 12, 15, 24	3KV	SMD Package, Continuous short circuit protection, Efficiency up to 86%, Operating temp.: -40°C ~ +105°C
DFZ_XT2P	2W	Single	5, 12, 15, 24 (±10%)	3.3, 5, 9, 12, 15, 24	3KV	SMD Package, Continuous short circuit protection, Efficiency up to 86%, Operating temp.: -40°C ~ +105°C

## DC/DC SMD PACKAGE, WIDE INPUT, ISOLATION, REGULATED SERIES

Product Series	Watt	Single/Dual	Input Voltage (VDC)	Output Voltage (VDC)	Isolation	Package Style / Note
Z9Y_MT3P	3W	Single	9 - 18, 18 - 36, 36 - 75	3.3, 5, 12, 15, 24	1.5KV	2:1 Wide input range, SMD Package, Efficiency up to 83%
Z9K_MT3P	3W	Single	9 - 18, 18 - 36, 36 - 75	3.3, 5, 12, 15, 24	3KV	2:1 Wide input range, SMD Package, Efficiency up to 83%



# AC/DC Converter



- High isolation
- Low consumption
- Multiple protection: over current, over voltage
- Meet RoHS, CE, UL standard
- High efficiency
- Low ripple and noise



## AC/DC WIDE/UNIVERSAL INPUT, HIGH-ISOLATION

Product Series	Watt	Input Voltage (VDC)	Output Voltage (VDC)	Isolation	Package Style / Note
DZS01(-F)	1W	85 ~ 264VAC, 70 ~ 400VDC	5, 9, 12, 15, 24	3KV	Wide input, Short circuit protection, Efficiency up to 84%
DZS03-R2(-F)	1.65W	85 ~ 264VAC, 70 ~ 400VDC	3.3	3KV	Universal input, Short circuit protection, Efficiency up to 78%
	2.5W		5		
	3W		9, 12, 15, 24		
DZS05(-F)	3W	85 ~ 264VAC, 100 ~ 400VDC	3.3	3KV	Wide input, Short circuit protection, Efficiency up to 75%
	5W		5, 9, 12, 15, 24		
DZH05-10A	5W	85 ~ 264VAC, 120 ~ 370VDC	+5/-5, +12/-12, +15/-15, +24/-24	3KV	Universal input, Efficiency up to 85%
DZH05-10B			3.3, 5, 9, 12, 15, 24		
DZH10-10A	10W	85 ~ 264VAC, 120 ~ 370VDC	+5/-5, +12/-12, +15/-15, +24/-24	3KV	Universal input, Efficiency up to 84%
DZH10-10B			3.3, 5, 9, 12, 15, 24		
DZH15-10A	15W	85 ~ 264VAC, 120 ~ 370VDC	+5/-5, +12/-12, +15/-15, +24/-24	3KV	Universal input, Efficiency up to 85%
DZH15-10B			3.3, 5, 9, 12, 15, 24, 48		
DZH20-10A	20W	85 ~ 264VAC, 120 ~ 370VDC	+5/-5, +12/-12,	3KV	Universal input, Efficiency up to 85%
DZH20-10B			3.3, 5, 9, 12, 15, 24, 48		
DZH25-10B	25W	85 ~ 264VAC, 120 ~ 370VDC	3.3, 5, 9, 12, 15, 24, 48	3KV	Universal input, Efficiency up to 85%
DZH40-10A	40W	85 ~ 264VAC, 120 ~ 370VDC	+5/-5, +12/-12,	3KV	Wide input, Efficiency up to 84%
DZH40-10B			3.3, 5, 9, 12, 15, 24		
DZH60-20B	60W	90 ~ 264VAC, 120 ~ 370VDC	5, 9, 12, 15, 24, 48	3KV	Wide input, Efficiency up to 86%

# LED Driver



- PWM and Analogue Voltage dimming
- Optional with dimming control
- Efficiency up to 97%
- Meet RoHS, CE, UL standard
- Operating temp.: -40°C ~ +85°C
- Constant current output



## LED DRIVER, WIDE INPUT, PWM / ANALOG DIMMING

Product Series	Watt	Input Voltage (VDC)	Output Voltage Range (VDC)	Output Voltage Current (mA)	Package Style / Note
DMDL8	4.2W	7 - 30	2 - 28	150	14 Pin DIP Package, PWM/Digital dimming and analog voltage dimming, Efficiency up to 95%, Operating temp.: -40°C ~ +85°C
	7W			250	
	8W			300, 350	
DMDL8W(A)	4.2W	7 - 30	2 - 28	150	16 Pin DIP Package, PWM/Digital dimming and analog voltage dimming, Wired version (optional with dimming control), Efficiency up to 95%
	7W			250	
	8W			300, 350	
DMDL14	4.2W	7 - 16	2 - 14	300	Miniature 8 Pin DIP Package, PWM/Digital dimming and analog voltage dimming, Efficiency up to 93%, Operating temp.: -40°C ~ +85°C
	4.9W			350	
	7.0W			500	
	8.4W			600	
	9.8W			700	
	14W			1000	
DMDL20	14W	7 - 30	2 - 28	500	Miniature 14 Pin DIP Package, PWM/Digital dimming and analog voltage dimming, Efficiency up to 95%, Operating temp.: -40°C ~ +71°C
	17W			600	
	20W			700	
DMDL24	14W	7 - 30	2 - 28	500	16 Pin DIP Package, PWM/Digital dimming and analog voltage dimming, Efficiency up to 95%, Operating temp.: -40°C ~ +85°C
	17W			600	
	20W			700	
	24W			1000	
DMDL24W(A)	14W	7 - 30	2 - 28	500	16 Pin DIP Package, PWM/Digital dimming and analog voltage dimming, Wired version (optional with dimming control), Efficiency up to 95%,
	17W			600	
	20W			700	
	24W			1000	
DMDL48	9W	7 - 60	2 - 57	150	24 Pin DIP Package, PWM/Digital dimming and analog voltage dimming, Efficiency up to 97%, Operating temp.: -40°C ~ +85°C
	14W			250	
	17W			300	
	20W			350	
	29W			500	
	34W			600	
	40W			700	
	48W			1000	
DMDL48W(A)	9W	7 - 60	2 - 57	150	24 Pin DIP Package, PWM/Digital dimming and analog voltage dimming, Wired version (optional with dimming control), Efficiency up to 97%, Operating temp.: -40°C ~ +85°C
	14W			250	
	17W			300	
	20W			350	
	29W			500	
	34W			600	
	40W			700	
	48W			1000	
LED24RT	10.8W	5 - 48	3 - 36	300	SMD Package, PWM/Digital dimming and analog voltage dimming, Efficiency up to 96%, Operating temp.: -40°C ~ +71°C
	12.8W			350	
	18W			500	
	21.6W			600	
	25.2W			700	