



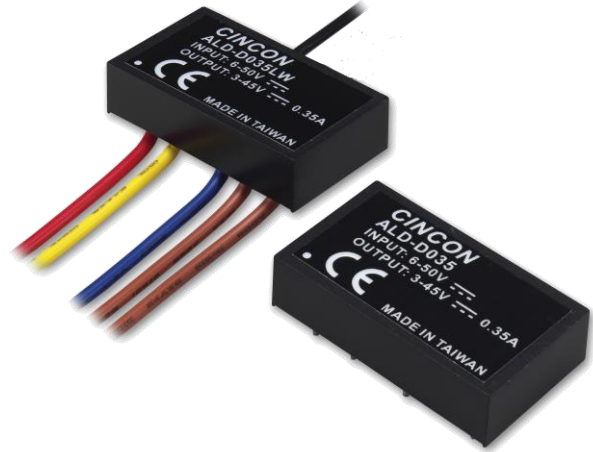
ALD-D SERIES

50.4 WATT BUCK LED DRIVER



Features

- * LED Driver Current up to 1400mA
- * Constant Current Output
- * Digital Dimming Control
- * High Efficiency up to 95%
- * Continuous Short Circuit Protection
- * High Reliability
- * IP65 Protection

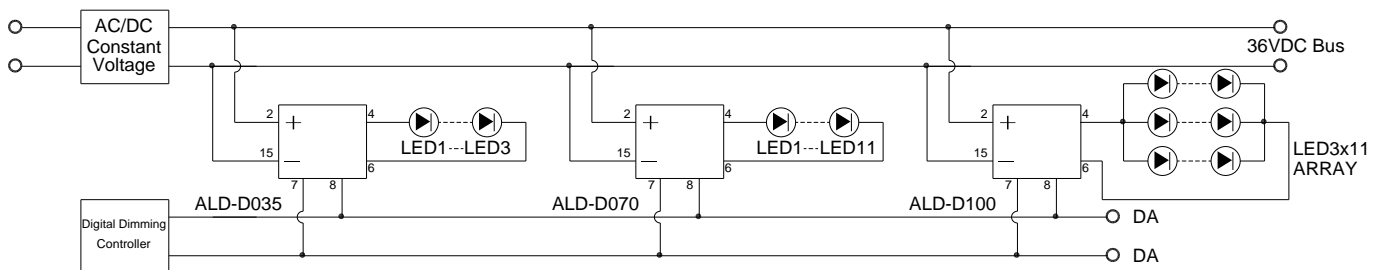


MODEL NUMBER	Input Voltage Range	Output Operating Voltage	Output Rated Current	Output Rated Power	Ripple and Noise (max.) Note2	Efficiency (TYPICAL) Note3
ALD-D035	6–50 VDC	3-45 VDC	350 mA	15.75 W	300 mVpp	95%
ALD-D050	6–50 VDC	3-45 VDC	500 mA	22.5 W	500 mVpp	95%
ALD-D070	6–50 VDC	3-45 VDC	700 mA	31.50 W	500 mVpp	95%
ALD-D100	6–50 VDC	3-45 VDC	1050 mA	47.25 W	500 mVpp	95%
ALD-D140	6–40 VDC	3-36 VDC	1400 mA	50.4 W	500 mVpp	95%

Note:

1. $3V < V_{in} - V_{out} < 30V_{dc}$, to keep current accuracy. Nominal Input Voltage: 48Vdc, 28Vdc (D140 models).
2. Ripple and Noise are measured at rated current, Nominal Input and 36Vdc or 24Vdc (D140 Models) Output and 20MHz Bandwidth with a 0.1uF Ceramic Capacitor.
3. Measured at Rated Current, Nominal Input and 36Vdc or 24Vdc (D140 Models) Output.
4. Acceptable Customer Modifications.

Installation Drawing



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