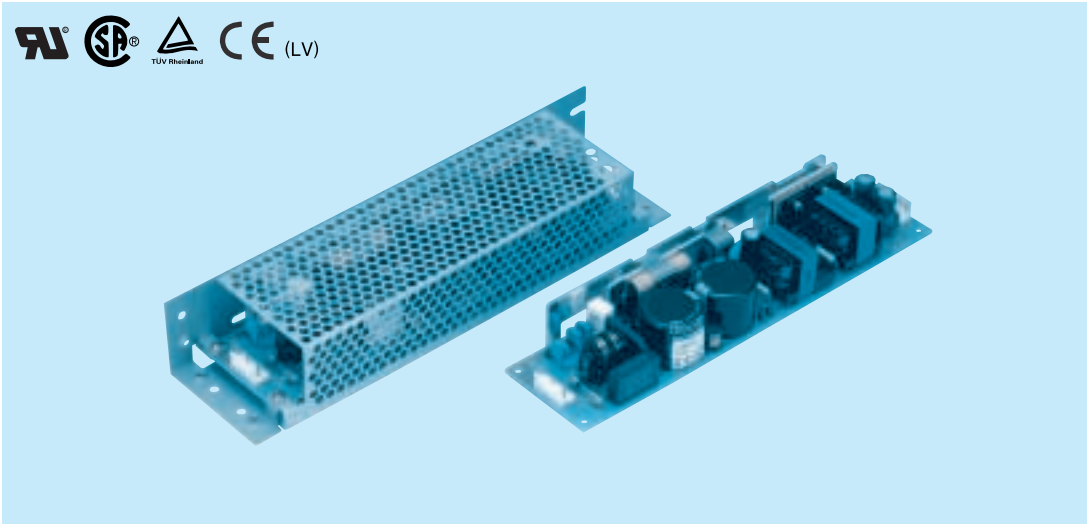


# LDA75F

LDA 75 F -5 -□

① ② ③ ④ ⑤



- ① Series name
- ② Output wattage
- ③ Universal input
- ④ Output voltage
- ⑤ Optional
- C : with Coating
- G : Low leakage current
- L : with LED
- R : with Remote ON/OFF
- S : with Chassis
- SN : with Chassis & cover
- Y : with Potentiometer

MODEL	LDA75F-3	LDA75F-5	LDA75F-9	LDA75F-12	LDA75F-15	LDA75F-18	LDA75F-24	LDA75F-24-H	LDA75F-24-HR	LDA75F-30
MAX OUTPUT WATTAGE[W]	45	75	76.5	75.6	75	75.6	76.8	76.8	76.8	75
DC OUTPUT	*3 3V 15A	5V 15A	9V 8.5A	12V 6.3A	15V 5A	18V 4.2A	24V 3.2A	24V 3.2(4.5)A	24V 3.2(4.5)A	30V 2.5A

## SPECIFICATIONS

MODEL	★LDA75F-3	LDA75F-5	★LDA75F-9	LDA75F-12	LDA75F-15	★LDA75F-18	LDA75F-24	★LDA75F-24-H	★LDA75F-24-HR	★LDA75F-30		
INPUT	MODEL											
	VOLTAGE[V]											
	AC85 - 264 1 φ or DC110 - 370											
	CURRENT[A]		ACIN 100V									1.8typ (Io=100%)
			ACIN 200V									1.0typ (Io=100%)
	FREQUENCY[Hz]											
47 - 440												
EFFICIENCY[%]												
73typ 79typ 79typ 80typ 81typ 81typ 82typ 82typ 82typ 82typ												
INRUSH CURRENT[A] ACIN 200V												
30typ (Io=100%) (At cold start)												
LEAKAGE CURRENT[ma]												
0.75max (60Hz, According to UL, CSA, VDE and DEN-AN)												
OUTPUT	VOLTAGE[V]											
	3 5 9 12 15 18 24 24 24 30											
	CURRENT[A] *1											
	15 15 8.5 6.3 5 4.2 3.2 3.2 (4.5) 3.2 (4.5) 2.5											
	LINE REGULATION[mV]											
	20max 20max 36max 48max 60max 72max 96max 96max 96max 120max											
	LOAD REGULATION[mV]											
	40max 40max 100max 100max 120max 120max 150max 150max 150max 180max											
	RIPPLE[mVp-p]		0 to +50°C									80max 80max 120max 120max 120max 120max 120max 120max 120max
			-10 - 0°C									140max 140max 160max 160max 160max 160max 160max 160max 160max 160max
	RIPPLE NOISE[mVp-p]		0 to +50°C									120max 120max 150max 150max 150max 150max 150max 250max 250max 150max
			-10 - 0°C									160max 160max 180max 180max 180max 180max 180max 280max 280max 180max
	TEMPERATURE REGULATION[mV]											
60max 60max 120max 150max 180max 200max 290max 290max 290max 360max												
DRIFT[mV] *2												
20max 20max 36max 48max 60max 72max 96max 96max 96max 120max												
START-UP TIME[ms]												
200max (ACIN 100V, Io=100%)												
HOLD-UP TIME[ms]												
10typ (ACIN 85V, Io=100%) 20typ (ACIN 100V, Io=100%)												
OUTPUT VOLTAGE ADJUSTMENT RANGE[V]												
2.85 - 3.6 Fixed ("Y" which can be adjusted the output is available as option : 5 - 30V ±10%)												
OUTPUT VOLTAGE SETTING[V]												
— 4.9 - 5.3 8.6 - 9.4 11.5 - 12.5 14.4 - 15.6 17.3 - 18.7 23.0 - 25.0 23.0 - 25.0 23.0 - 25.0 28.5 - 31.5												
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION											
	Works over 105% of rating (-H : peak) and recovers automatically											
	OVERVOLTAGE PROTECTION											
	4.00 - 5.25V Works at 115 - 140% of rating											
OPERATING INDICATION												
Not provided												
REMOTE SENSING												
Not provided												
REMOTE ON/OFF												
Option (Refer to Instruction Manual)												
ISOLATION	INPUT-OUTPUT											
	AC3.000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)											
	INPUT-FG											
AC2.000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)												
OUTPUT-FG												
AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩ min (At Room Temperature)												
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE											
	-10 to +60°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE) 3,000m (10,000feet) max											
	STORAGE TEMP., HUMID. AND ALTITUDE											
	-20 to +75°C, 20 - 90%RH (Non condensing) 9,000m (30,000feet) max											
VIBRATION												
10 - 55Hz, 19.6m/s <sup>2</sup> (2G), 3minutes period, 60minutes each along X, Y and Z axis												
IMPACT												
196.1m/s <sup>2</sup> (20G), 11ms, once each X, Y and Z axis												
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS											
	UL1950, EN60950, VDE0160, CSA C22.2 No.234 Complies with DEN-AN and IEC60950											
CONDUCTED NOISE												
Complies with FCC-B, CISPR22-B, EN55022-B, VCCI-B												
OTHERS	CASE SIZE/WEIGHT											
	55 X 32 X 222mm (W X H X D) /320g max (without chassis and cover)											
COOLING METHOD												
Convection												

\*1 Peak load for 10sec. or less is acceptable if the total wattage is less than the rated wattage(24V:76.8W).  
 \*2 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C, with the input voltage held constant at the rated input/output.  
 \*3 ( ) : peak current  
 \* Avoid prolonged use under over-load.

\* Parallel operation with other model is not possible.  
 \* Derating is required when operated with chassis and cover.  
 ★ marked models are pending for safety approvals. Consult with us for delivery.