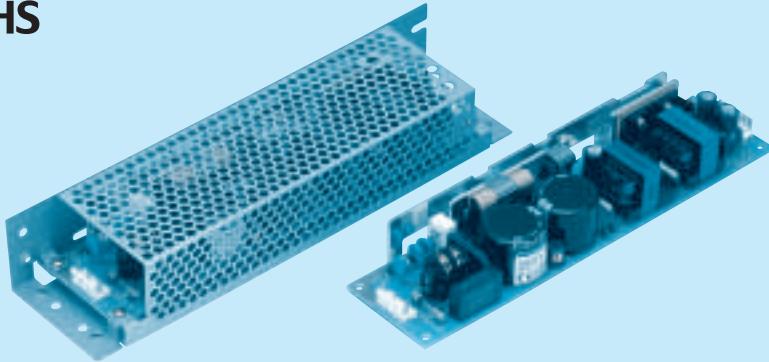


LDA75F

LDA 75 F -5 -□

① ② ③ ④ ⑤



Recommended Noise Filter
NAC-06-472



High voltage pulse noise type : NAP series
Low leakage current type : NAM series
*The Noise Filter is recommended to connect with several devices.

- 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	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
	RIPPLE NOISE[mVp-p]	0 to +50°C	120max	120max	150max	150max	150max	150max	150max	250max	250max
		-10 - 0°C	160max	160max	180max	180max	180max	180max	180max	280max	280max
	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, 9, 12, 15, 18, 24, 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									
ISOLATION	REMOTE ON/OFF	Option (Refer to Instruction Manual)									
	INPUT-OUTPUT	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)									
ENVIRONMENT	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)									
SAFETY AND NOISE REGULATIONS	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 ² (2G), 3minutes period, 60minutes each along X, Y and Z axis									
OTHERS	IMPACT	196.1m/s ² (20G), 11ms, once each X, Y and Z axis									
	AGENCY APPROVALS	UL60950-1, EN60950-1, EN50178, CSA C22.2 No.234 Complies with DEN-AN and IEC60950-1									
OTHERS	CONDUCTED NOISE	Complies with FCC-B, CISPR22-B, EN55022-B, VCCI-B									
	CASE SIZE/WEIGHT	55 X 32 X 222mm (W X H X D) /320g max (without chassis and cover)									
OTHERS	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.