

## LMA100F

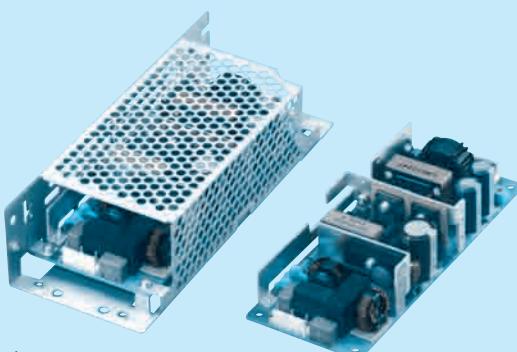
## Ordering information

LM A 100 F -□ -□

① ② ③ ④ ⑤ ⑥ ⑦ ⑧



RoHS

Recommended EMI/EMC Filter  
NAM-04-101High voltage pulse noise type : NAP series  
Low leakage current type : NAM series\*The EMI/EMC Filter is recommended  
to connect with several devices.

- ① Series name
- ② Single output
- ③ Output wattage
- ④ Universal input
- ⑤ Output voltage
- ⑥ Optional
  - C: with Coating
  - G: Low leakage current
  - H: with the function to be acceptable to output peak current
  - J1: VH(J.S.T.) connector type
  - R: with Remote ON/OFF
  - R2: with Remote ON/OFF
  - S: with Chassis
  - SN: with Chassis & cover
  - P: Setting in the overcurrent protection rating

Information the Home page is the latest.

This power supply is manufactured by SMD technology. The stress to P.C.B like twisting or bending causes the defect of the unit, so handle the unit with care.

MODEL	LMA100F-24-Y		LMA100F-24-HY
MAX OUTPUT WATTAGE[W]	103.2		103.2 (206.4) *2
DC OUTPUT	24V 4.3A		24V 4.3A (8.6A) *2

## SPECIFICATIONS

	MODEL	LMA100F-24-Y	LMA100F-24-HY
INPUT	VOLTAGE[V]	AC85 - 264 1φ	
	CURRENT[A]	ACIN 100V 1.4typ (Io=100%) ACIN 200V 0.7typ (Io=100%)	
	FREQUENCY[Hz]	50 / 60 (47 - 63)	
	EFFICIENCY[%]	ACIN 100V 84.0typ (Io=100%) ACIN 200V 86.0typ (Io=100%)	84.0typ (Io=100%) 86.0typ (Io=100%)
	POWER FACTOR	ACIN 100V 0.99typ (Io=100%) ACIN 200V 0.95typ (Io=100%)	
	INRUSH CURRENT[A]	ACIN 100V 15typ (Io=100%) (At cold start) (Ta=25°C) ACIN 200V 30typ (Io=100%) (At cold start) (Ta=25°C)	
	LEAKAGE CURRENT[mA]	0.10 / 0.25max (ACIN 100V / 240V 60Hz, Io=100%, According to IEC60601-1)	
	VOLTAGE[V]	24	24
	CURRENT[A]	4.3	4.3 (Peak 8.6) *2
	LINE REGULATION[mV] *7	96max	96max
OUTPUT	LOAD REGULATION[mV] *7	150max	150max
	RIPPLE[mVp-p] *3	0 to +50°C 120max -10 - 0°C 160max	120max 160max
	RIPPLE NOISE[mVp-p] *3	0 to +50°C 150max -10 - 0°C 180max	150max 180max
	TEMPERATURE REGULATION[mV]	0 to +50°C 240max -10 to +50°C 290max	240max 290max
	DRIFT[mV] *4	96max	96max
	START-UP TIME[ms]	350typ (ACIN 100V, Io=100%)	
	HOLD-UP TIME[ms]	20typ (ACIN 100V, Io=100%)	
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	19.20 to 27.50	19.20 to 27.50
	OUTPUT VOLTAGE SETTING[V]	24.00 to 24.96	24.00 to 24.96
	OVERCURRENT PROTECTION	Works over 105% of rating (works over 101% of peak current at option -H) and recovers automatically	
PROTECTION CIRCUIT AND OTHERS	OVERVOLTAGE PROTECTION[V]	27.60 to 33.60	27.60 to 33.60
	OPERATING INDICATION	Not provided	
	REMOTE SENSING	Not provided	
ISOLATION	REMOTE ON/OFF	Option (Required external power source.)	
	INPUT-OUTPUT-RC *6	AC4,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature) 2MOOP	
	INPUT-FG	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature) 1MOOP	
	OUTPUT-RC-FG *6	AC500V 1minute, Cutoff current = 25mA, DC500V 50MΩ min (At Room Temperature)	
ENVIRONMENT	OUTPUT-RC *6	AC100V 1minute, Cutoff current = 25mA, DC100V 10MΩ min (At Room Temperature)	
	OPERATING TEMP., HUMID. AND ALTITUDE *5	-10 to +70°C, 20 - 90%RH (Non condensing), 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	
LMA	IMPACT	196.1m/s <sup>2</sup> (20G), 11ms, once each X, Y and Z axis	
	SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS (AT ONLY AC input) ANSI/AAMI ES60601-1, EN60601-1 3rd CONDUCTED NOISE Complies with FCC-B, VCCI-B, CISPR22-B, EN55011-B, EN55022-B HARMONIC ATTENUATOR Complies with IEC61000-3-2 (Class A) *8	
	OTHERS	CASE SIZE/WEIGHT	62 X 33 X 155mm [2.44 X 1.30 X 6.10 inches] (W X H X D) / 290g max (with chassis & cover : 470g max)
		COOLING METHOD	Convection *5

\*1 Specification is changed at option, refer to Instruction Manual.

\*2 Peak loading for 10sec. And Duty 40% max.

() means peak current. There is a possibility that an internal device is damaged when the specification is exceeded.

\*3 This is the value that measured on measuring board with capacitor of 22 μF at 150mm from output terminal.

Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).

\*4 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.

\*5 Derating is required.

\*6 Applicable when remote control (optional) is added.

\*7 Please contact us about dynamic load and input response.

\*8 Please contact us about another class.

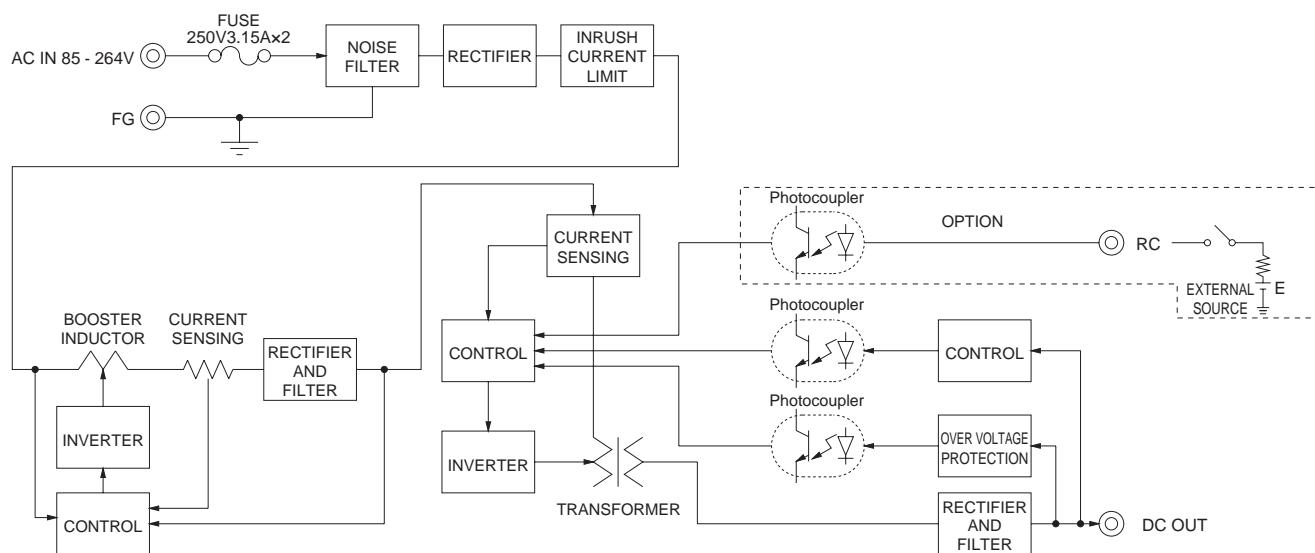
\* To meet the specifications. Do not operate over-loaded condition.

\* Parallel operation is not possible.

\* Derating is required when operated with chassis and cover.

\* Sound noise may be generated by power supply in case of pulse load.

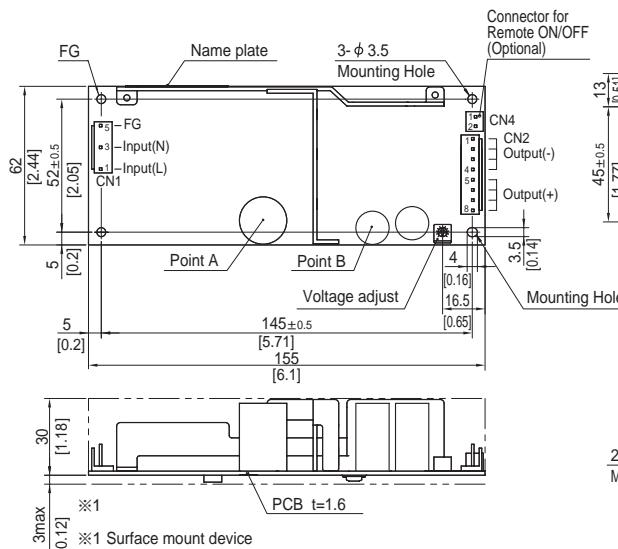
## Block diagram



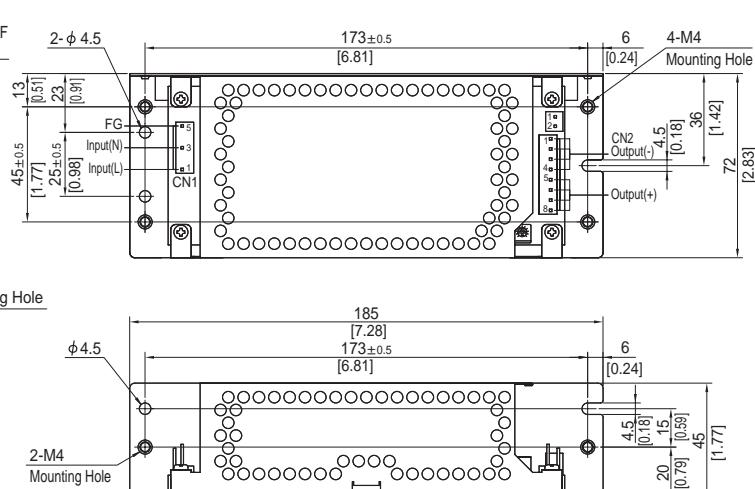
## External view

※ External size of option is different from standard model.

Standard type



Chassis and cover type



※ 4 Mounting holes are existing.

※ The back side of P.C.B. of the power supply is assembled some SMDs.

Be attention not to bump against the attached area by vibration.

※ Use the spacer of 8mm length or more regarding insulation.

And do not use press-fitting bush.

※ Point A, Point B are thermometry points.

I/O Connector	Mating connector	Terminal
CN1 1-1123724-3	1-1123722-5	Chain 1123721-1
		Loose 1318912-1
CN2 1-1123723-8	1-1123722-8	Chain 1123721-1
		Loose 1318912-1

(Mfr: Tyco Electronics)

※ I/O Connector is Mfr. Tyco Electronics

※ Option:-J1:VH(J.S.T) connector type.

## &lt;PIN CONNECTION&gt;

CN1

Pin No.	Input
1	AC(L)
2	
3	AC(N)
4	
5	FG

CN2

Pin No.	Output
1 to 4	-V
5 to 8	+V

※ Keep drawing current per pin below 5A for CN2.

※ Tolerance : ±1 [±0.04]

※ Weight : 290g max (with chassis & cover : 470g max)

※ PCB material : CEM3

※ Optional chassis and cover material : Electric galvanizing steel board.

※ Dimensions in mm, [ ]-inches

※ Mounting torque (Mounting hole of chassis) : 1.5N · m (16kgf · cm) max

Connector type

CN4 Option (Mfr:J.S.T)

PIN No.	Contents
1	RC(+)
2	RC(-)

Barrier strip type

Model B2B-XH-A  
Mating Connector (Terminal)  
XHP-2  
( BXH-001T-P0.6  
or SXH-001T-P0.6 )

## LMA150F

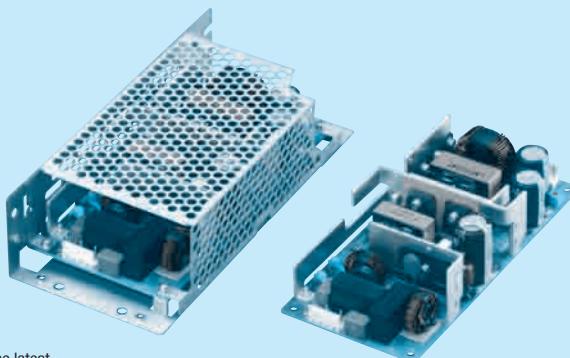
## Ordering information

LM A 150 F -□ -□

① ② ③ ④ ⑤ ⑥ ⑦ ⑧



RoHS

Recommended EMI/EMC Filter  
NAM-04-101High voltage pulse noise type : NAP series  
Low leakage current type : NAM series

\*The EMI/EMC Filter is recommended to connect with several devices.

Information the Home page is the latest.

This power supply is manufactured by SMD technology. The stress to P.C.B like twisting or bending causes the defect of the unit, so handle the unit with care.

MODEL	LMA150F-24-Y		LMA150F-24-HY
MAX OUTPUT WATTAGE[W]	151.2		151.2 (302.4) *2
DC OUTPUT	24V 6.3A		24V 6.3A (12.6A) *2

## SPECIFICATIONS

	MODEL	LMA150F-24-Y	LMA150F-24-HY
INPUT	VOLTAGE[V]	AC85 - 264 1φ	
	CURRENT[A]	ACIN 100V 2.0typ (Io=100%) ACIN 200V 1.0typ (Io=100%)	
	FREQUENCY[Hz]	50 / 60 (47 - 63)	
	EFFICIENCY[%]	ACIN 100V 85.0typ (Io=100%) ACIN 200V 87.0typ (Io=100%)	85.0typ (Io=100%) 87.0typ (Io=100%)
	POWER FACTOR	ACIN 100V 0.99typ (Io=100%) ACIN 200V 0.95typ (Io=100%)	
	INRUSH CURRENT[A]	ACIN 100V 15typ (Io=100%) (At cold start) (Ta=25°C) ACIN 200V 30typ (Io=100%) (At cold start) (Ta=25°C)	
	LEAKAGE CURRENT[mA]	0.10 / 0.25max (ACIN 100V / 240V 60Hz, Io=100%, According to IEC60601-1)	
	VOLTAGE[V]	24	24
	CURRENT[A]	6.3	6.3 (Peak 12.6) *2
	LINE REGULATION[mV] *7	96max	96max
OUTPUT	LOAD REGULATION[mV] *7	150max	150max
	RIPPLE[mVp-p] *3	0 to +50°C 120max -10 - 0°C 160max	120max 160max
	RIPPLE NOISE[mVp-p] *3	0 to +50°C 150max -10 - 0°C 180max	150max 180max
	TEMPERATURE REGULATION[mV]	0 to +50°C 240max -10 to +50°C 290max	240max 290max
	DRIFT[mV] *4	96max	96max
	START-UP TIME[ms]	350typ (ACIN 100V, Io=100%)	
	HOLD-UP TIME[ms]	20typ (ACIN 100V, Io=100%)	
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	19.20 to 27.50	19.20 to 27.50
	OUTPUT VOLTAGE SETTING[V]	24.00 to 24.96	24.00 to 24.96
	OVERCURRENT PROTECTION	Works over 105% of rating (works over 101% of peak current at option -H) and recovers automatically	
PROTECTION CIRCUIT AND OTHERS	OVERVOLTAGE PROTECTION[V]	27.60 to 33.60	27.60 to 33.60
	OPERATING INDICATION	Not provided	
	REMOTE SENSING	Not provided	
	REMOTE ON/OFF	Option (Required external power source.)	
	INPUT-OUTPUT-RC *6	AC4,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature) 2MOOP	
ISOLATION	INPUT-FG	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature) 1MOOP	
	OUTPUT-RC-FG *6	AC500V 1minute, Cutoff current = 25mA, DC500V 50MΩ min (At Room Temperature)	
	OUTPUT-RC *6	AC100V 1minute, Cutoff current = 25mA, DC100V 10MΩ min (At Room Temperature)	
	OPERATING TEMP., HUMID. AND ALTITUDE *5	-10 to +70°C, 20 - 90%RH (Non condensing), 3,000m (10,000feet) max	
ENVIRONMENT	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	
	AGENCY APPROVALS (AT ONLY AC input)	ANSI/AAMI ES60601-1, EN60601-1 3rd	
SAFETY AND NOISE REGULATIONS	CONDUCTED NOISE	Complies with FCC-B, VCCI-B, CISPR22-B, EN55011-B, EN55022-B	
	HARMONIC ATTENUATOR	Complies with IEC61000-3-2 (Class A) *8	
OTHERS	CASE SIZE/WEIGHT	75 X 36.5 X 160mm [2.95 X 1.44 X 6.30 inches] (W X H X D) / 370g max (with chassis & cover : 600g max)	
	COOLING METHOD	Convection *5	

\*1 Specification is changed at option, refer to Instruction Manual.

\*2 Peak loading for 10sec. And Duty 40% max.

() means peak current. There is a possibility that an internal device is damaged when the specification is exceeded.

\*3 This is the value that measured on measuring board with capacitor of 22 μF at 150mm from output terminal.

Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).

\*4 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.

\*5 Derating is required.

\*6 Applicable when remote control (optional) is added.

\*7 Please contact us about dynamic load and input response.

\*8 Please contact us about another class.

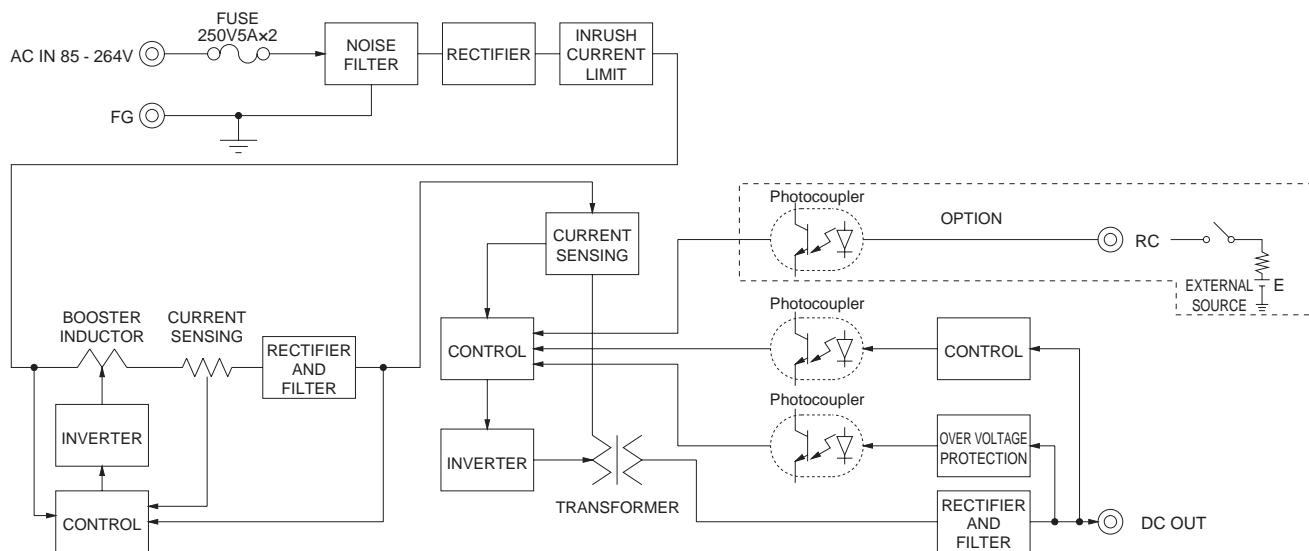
\* To meet the specifications. Do not operate over-loaded condition.

\* Parallel operation is not possible.

\* Derating is required when operated with chassis and cover.

\* Sound noise may be generated by power supply in case of pulse load.

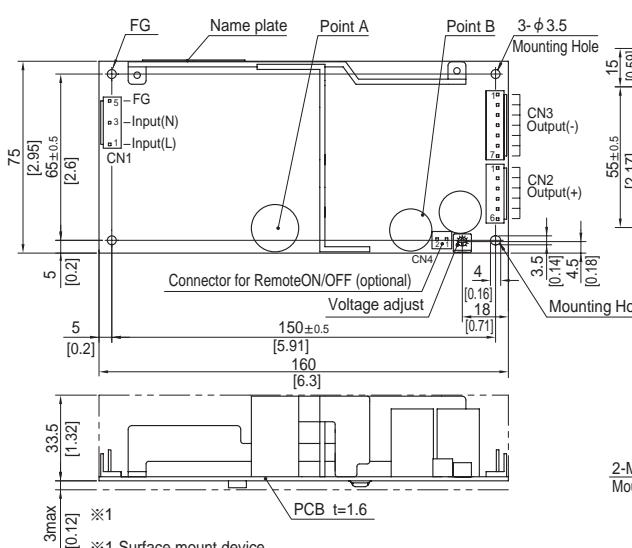
## Block diagram



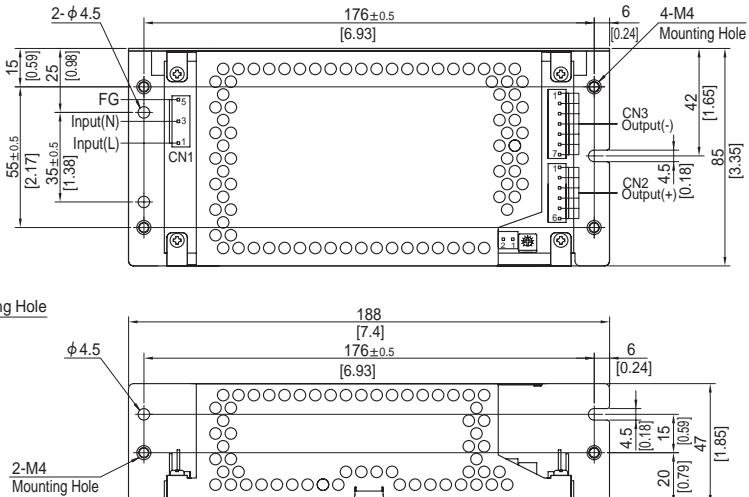
## External view

※ External size of option is different from standard model.

Standard type



Chassis and cover type



※ 4 Mounting holes are existing.

※ The back side of P.C.B. of the power supply is assembled some SMDs.

Be attention not to bump against the attached area by vibration.

※ Use the spacer of 8mm length or more regarding insulation.

And do not use press-fitting bush.

※ Point A, Point B are thermometry points.

## &lt;PIN CONNECTION&gt;

CN1

Pin No.	Input
1	AC(L)
2	AC(N)
3	
4	
5	FG

CN2

Pin No.	Output
1 to 6	+V

CN3

Pin No.	Output
1 to 7	-V

Connector type

CN4 Option (Mfr.J.S.T)

Pin No.	Contents
1	RC(+)
2	RC(-)

Barrier strip type

Model B2B-XH-A  
Mating Connector (Terminal)  
XHP-2

(BXH-001T-P0.6  
or SXH-001T-P0.6)

※ I/O Connector is Mfr. Tyco Electronics

※ Option:-J1:VH(J.S.T) connector type.

※ Keep drawing current per pin below 5A for CN2,CN3.

※ Tolerance :  $\pm 1$  [ $\pm 0.04$ ]

※ Weight : 370g max (with chassis & cover : 600g max)

※ PCB material : CEM3

※ Optional chassis and cover material : Electric galvanizing steel board.

※ Dimensions in mm, [ ]=inches

※ Mounting torque (Mounting hole of chassis) : 1.5N · m (16kgf · cm) max

## LMA240F

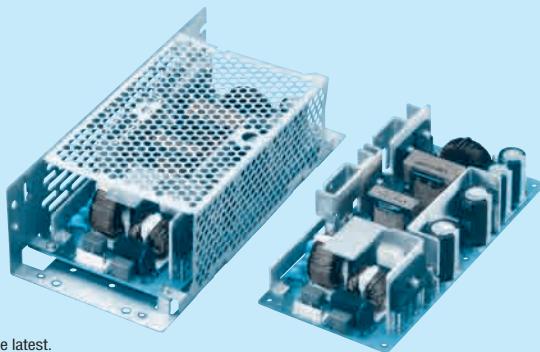
## Ordering information

LM A 240 F -□ -□

① ② ③ ④ ⑤ ⑥ ⑦ ⑧



RoHS

Recommended EMI/EMC Filter  
NAM-06-101High voltage pulse noise type : NAP series  
Low leakage current type : NAM series

Information the Home page is the latest.

This power supply is manufactured by SMD technology. The stress to P.C.B like twisting or bending causes the defect of the unit, so handle the unit with care.

MODEL	LMA240F-24-Y	LMA240F-24-HY
MAX OUTPUT WATTAGE[W]	300	300 (480) *2
DC OUTPUT	Convection 24V 10A Forced air 24V 12.5A	24V 10A (20A) *2 24V 12.5A (20A) *2

## SPECIFICATIONS

	LMA240F-24-Y	LMA240F-24-HY
INPUT	VOLTAGE[V]	AC85 - 264 1φ
	CURRENT[A]	ACIN 100V 3.9typ (Io=100%) ACIN 200V 1.8typ (Io=100%)
	FREQUENCY[Hz]	50 / 60 (47 - 63)
	EFFICIENCY[%]	ACIN 100V 86.0typ (Io=100%) ACIN 200V 88.0typ (Io=100%)
	POWER FACTOR	ACIN 100V 0.99typ (Io=100%) ACIN 200V 0.95typ (Io=100%)
	INRUSH CURRENT[A]	ACIN 100V 15 / 30typ (Io=100%) (Primary inrush current /Secondary inrush current) (More than 3 sec. to re-start) ACIN 200V 30 / 30typ (Io=100%) (Primary inrush current /Secondary inrush current) (More than 3 sec. to re-start)
	LEAKAGE CURRENT[mA]	0.15 / 0.40max (ACIN 100V / 240V 60Hz, Io=100%, According to IEC60601-1)
	VOLTAGE[V]	24
	CURRENT[A]	10 Convection Forced air 12.5
	LINE REGULATION[mV] *7	96max
OUTPUT	LOAD REGULATION[mV] *7	150max
	RIPPLE[mVp-p] *3	0 to +50°C 120max -10 - 0°C 160max
	RIPPLE NOISE[mVp-p] *3	0 to +50°C 150max -10 - 0°C 180max
	TEMPERATURE REGULATION[mV]	0 to +50°C 240max -10 to +50°C 290max
	DRIFT[mV] *4	96max
	START-UP TIME[ms]	350typ (ACIN 100V, Io=100%)
	HOLD-UP TIME[ms] *9	20typ (ACIN 100V, Io=100%)
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	19.20 to 27.50
	OUTPUT VOLTAGE SETTING[V]	24.00 to 24.96
	OVERCURRENT PROTECTION	Works over 105% of rating (works over 101% of peak current at option -H) and recovers automatically
PROTECTION CIRCUIT AND OTHERS	OVERVOLTAGE PROTECTION[V]	27.60 to 33.60
	OPERATING INDICATION	Not provided
	REMOTE SENSING	Not provided
	REMOTE ON/OFF	Option (Required external power source.)
	INPUT-OUTPUT-RC	*6 AC4,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature) 2MOOP
ISOLATION	INPUT-FG	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature) 1MOOP
	OUTPUT-RC-FG	*6 AC500V 1minute, Cutoff current = 25mA, DC500V 50MΩ min (At Room Temperature)
	OUTPUT-RC	*6 AC100V 1minute, Cutoff current = 25mA, DC100V 10MΩ min (At Room Temperature)
	OPERATING TEMP., HUMID. AND ALTITUDE *5	-10 to +70°C, 20 - 90%RH (Non condensing), 3,000m (10,000feet) max
ENVIRONMENT	STORAGE TEMP., HUMID. AND ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max
	VIBRATION	10 - 55Hz, 19.6m/s² (2G), 3minutes period, 60minutes each along X, Y and Z axis
	IMPACT	196.1m/s² (20G), 11ms, once each X, Y and Z axis
	SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS (AT ONLY AC input) ANSI/AAMI ES60601-1, EN60601-1 3rd CONDUCTED NOISE Complies with FCC-B, VCCI-B, CISPR22-B, EN55011-B, EN55022-B HARMONIC ATTENUATOR Complies with IEC61000-3-2 (Class A) *8
OTHERS	CASE SIZE/WEIGHT	84 X 46 X 180mm [3.31 X 1.81 X 7.09 inches] (W X H X D) / 540g max (with chassis & cover : 860g max)
	COOLING METHOD	Convection / Forced air *5

\*1 Specification is changed at option, refer to Instruction Manual.

\*2 Peak loading for 10sec. And Duty 40% max.

() means peak current. There is a possibility that an internal device is damaged when the specification is exceeded.

\*3 This is the value that measured on measuring board with capacitor of 22 μF at 150mm from output terminal.

Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).

\*4 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.

\*5 Derating is required.

\*6 Applicable when remote control (optional) is added.

\*7 Please contact us about dynamic load and input response.

\*8 Please contact us about another class.

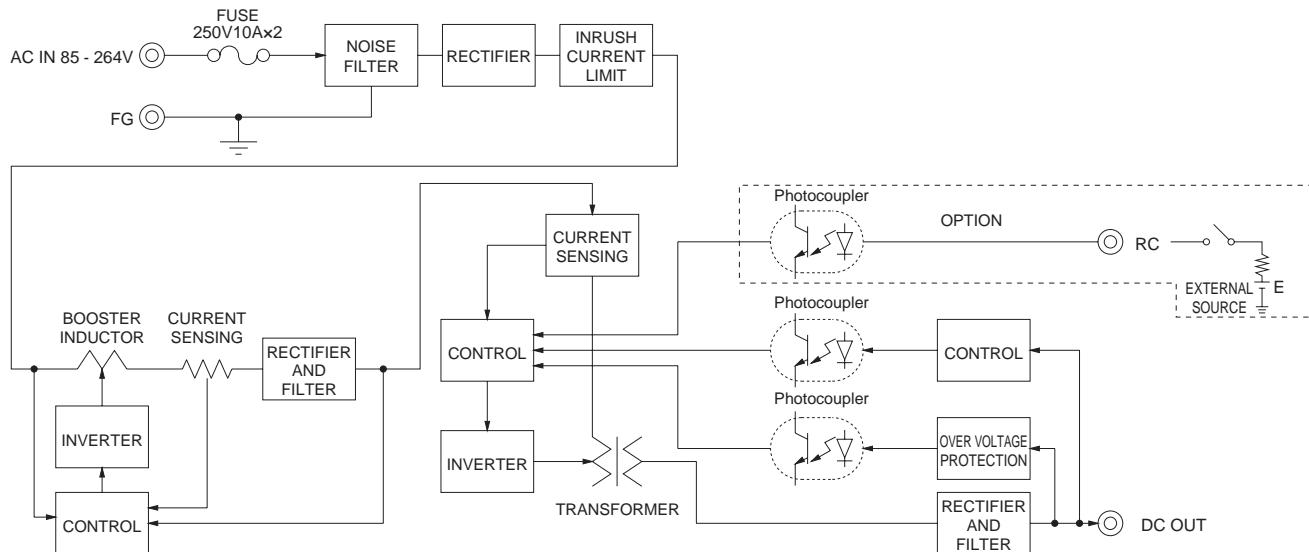
\* To meet the specifications. Do not operate over-loaded condition.

\* Parallel operation is not possible.

\* Derating is required when operated with chassis and cover.

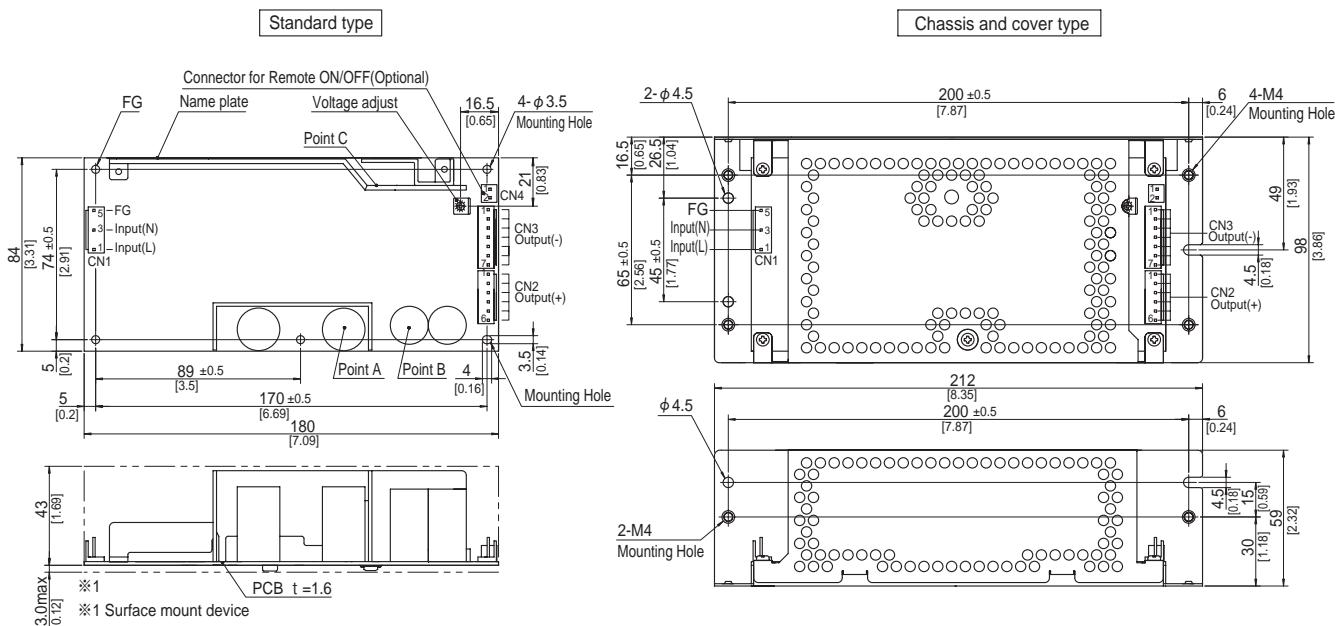
\* Sound noise may be generated by power supply in case of pulse load.

## Block diagram



## External view

※ External size of option is different from standard model.



※ 5 Mounting holes are existing.

※ The back side of P.C.B. of the power supply is assembled some SMDs.

Be attention not to bump against the attached area by vibration.

※ Use the spacer of 8mm length or more regarding insulation.

And do not use press-fitting bush.

※ Point A, Point B, Point C are thermometry points.

## &lt;PIN CONNECTION&gt;

## CN1

Pin No.	Input
1	AC(L)
2	
3	AC(N)
4	
5	FG

## CN2

Pin No.	Output
1 to 6	+V

## CN3

Pin No.	Output
1 to 7	-V

## Connector type

PIN No.	Contents
1	RC(+)
2	RC(-)

## Barrier strip type

Model B2B-XH-A  
Mating Connector (Terminal)  
XHP-2  
( BXH-001T-P0.6  
or SXH-001T-P0.6 )

I/O Connector	Mating connector	Terminal
CN1 1-1123724-3	1-1123722-5	Chain 1123721-1 Loose 1318912-1
CN2 1-1123723-6	1-1123722-6	Chain 1123721-1 Loose 1318912-1
CN3 1-1123723-7	1-1123722-7	Chain 1123721-1 Loose 1318912-1

(Mfr:Tyco Electronics)

※ I/O Connector is Mfr. Tyco Electronics

※ Option:-J1:VH(J.S.T) connector type.

※ Keep drawing current per pin below 5A for CN2,CN3.

※ Tolerance :  $\pm 1$  [ $\pm 0.04$ ]

※ Weight : 540g max (with chassis & cover : 860g max)

※ PCB material : CEM3

※ Optional chassis and cover material : Electric galvanizing steel board.

※ Dimensions in mm, [ ]=inches

※ Mounting torque (Mounting hole of chassis) :  $1.5N \cdot m$  (16kgf · cm) max

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Cosel:

[LMA100F-24-HY](#) [LMA240F-24-HY](#) [LMA240F-24-Y](#) [LMA150F-24-HY](#) [LMA100F-24-Y](#) [LMA150F-24-Y](#)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

#### Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помошь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помошь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: [org@eplast1.ru](mailto:org@eplast1.ru)

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.