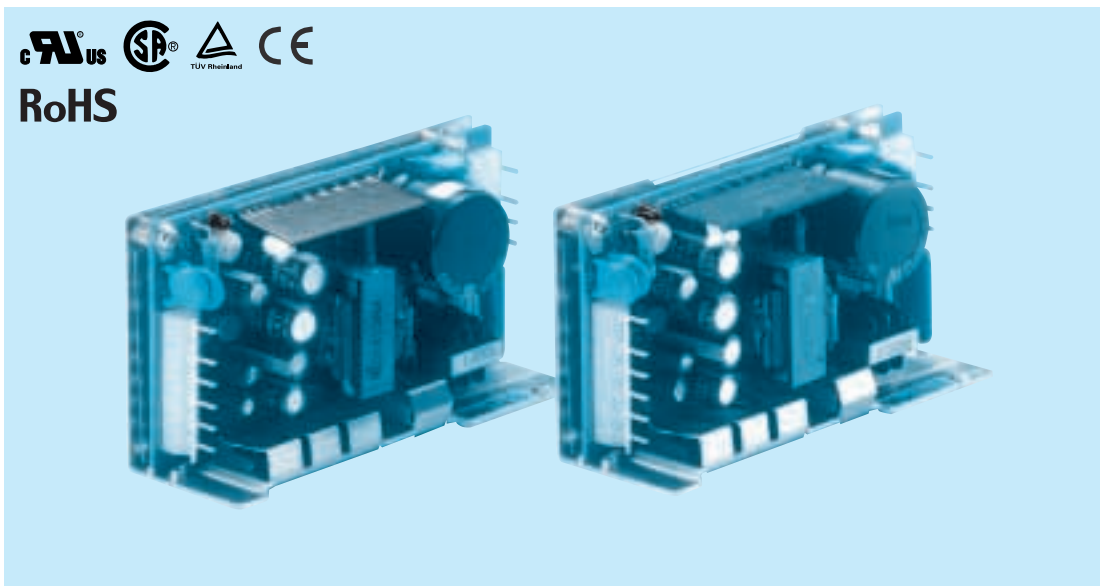


COSEL AC-DC Power Supplies Enclosed type
PMC15

Ordering information
PMC 15 E -1 -□



RoHS
 UL US, SP, TÜV Rheinland, CE

- ① Series name
- ② Output wattage
- ③ UL recognized, TÜV approved, CSA certified : E
- ④ Output voltage combination
- ⑤ Optional *1
 C :with Coating
 G :Low leakage current

PMC

MODEL	PMC15E-1	PMC15E-2	PMC15E-3
DC OUTPUT	V1	+5V 2.0A	+5V 2.0A
	V2	+12V 0.3A	+15V 0.3A
	V3	-12V 0.2A	-15V 0.2A

SPECIFICATIONS

	MODEL	PMC15E-1	PMC15E-2	PMC15E-3							
INPUT	VOLTAGE[V]	AC85 - 264 1 φ or DC110 - 370									
	CURRENT[A]	ACIN 100V	0.4typ (Io=100%) Universal Input								
		ACIN 200V	0.2typ (Io=100%) Universal Input								
	FREQUENCY[Hz]	47 - 440 or DC									
	EFFICIENCY[%]	ACIN 100V	65typ (Io=100%)								
OUTPUT	INRUSH CURRENT[A]	ACIN 100V	20typ (Io=100%) (At cold start)								
	VOLTAGE[V]	+5	+12	-12	+5	+15	-15	+5	+12	-5	
	CURRENT[A]	2.0	0.3	0.2	2.0	0.3	0.2	2.0	0.3	0.2	
	MINIMUM CURRENT[A]	0.1	0	0	0.1	0	0	0.1	0	0	
	LINE REGULATION[mV]	20max	48max	48max	20max	60max	60max	20max	48max	20max	
	LOAD REGULATION[mV]	100max	120max	120max	100max	150max	150max	100max	120max	50max	
	RIPPLE[mVp-p]	100max	60max	60max	100max	60max	60max	100max	60max	60max	
	RIPPLE NOISE[mVp-p]	120max	150max	150max	120max	150max	150max	120max	150max	150max	
	TEMPERATURE REGULATION[mV]	0 to +50°C	50max	350max	350max	50max	350max	350max	50max	350max	350max
	START-UP TIME[ms]	100max (ACIN 85V, Io=100%)									
	HOLD-UP TIME[ms]	10typ (ACIN 85V, Io=100%)									
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	5.00 - 5.25	Fixed	Fixed	5.00 - 5.25	Fixed	Fixed	5.00 - 5.25	Fixed	Fixed	
OUTPUT VOLTAGE SETTING[V]	—	11.4 to 12.6	-11.4 to -12.6	—	14.25 to 15.75	-14.25 to -15.75	—	11.4 to 12.6	-4.75 to -5.25		
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically									
ISOLATION	INPUT-OUTPUT	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)									
	INPUT-CASE	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)									
	OUTPUT-CASE	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩmin (At Room Temperature)									
	OUTPUT-OUTPUT(V1-V2,V3)	AC100V 1minute, Cutoff current = 100mA, DC100V 10MΩmin (At Room Temperature)									
ENVIRONMENT	OPERATING TEMP.,HUMID.AND ALTITUDE	0 to +65°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, 30minutes each along X, Y and Z axis									
SAFETY AND NOISE REGULATIONS	IMPACT	196.1m/s ² (20G), 11ms, once each X, Y and Z axis									
	AGENCY APPROVALS	UL60950-1, CSA C22.2 No.60950-1, EN60950-1, EN50178 Complies with IEC60950-1 and DEN-AN									
	CONDUCTED NOISE	Complies with FCC-B									

*1 Please contact us about safety approvals for the model with option.
 * Series/Parallel operation with other model is not possible.

PMC-2

External view

(PIN CONNECTION)

CN1	PIN NO.	INPUT
	1	FG
2	AC (L)	
3	NC	
4	AC (N)	

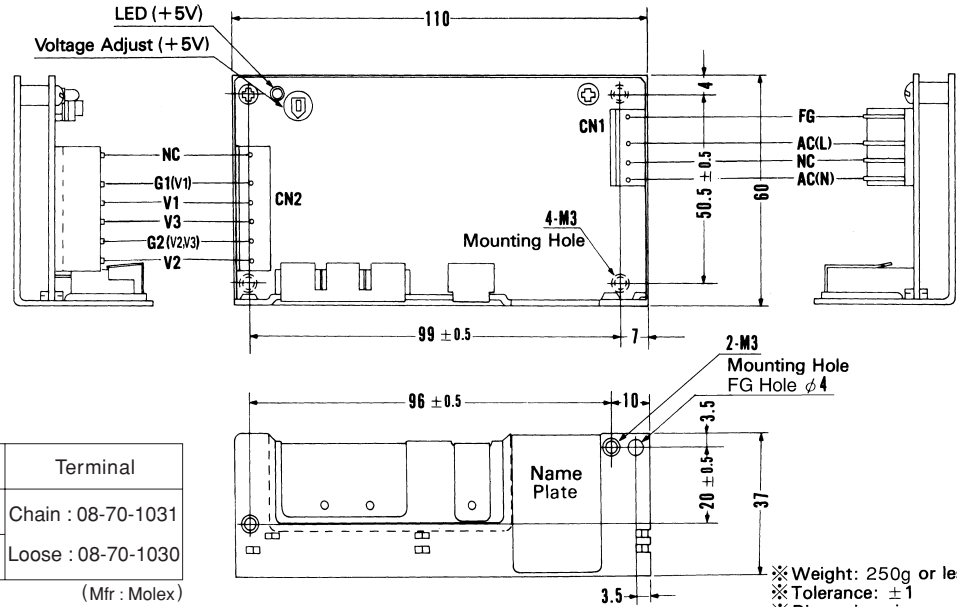
CN2	PIN NO.	OUTPUT
	1	NC
2	G1	
3	V1	
4	V3	
5	G2	
6	V2	

*V1 is Isolated from V2 and V3.

I/O Connector	Mating Connector	Terminal
CN1	10-31-1048	10-63-3044
CN2	10-31-1068	10-63-3064

Chain : 08-70-1031
Loose : 08-70-1030

(Mfr : Molex)

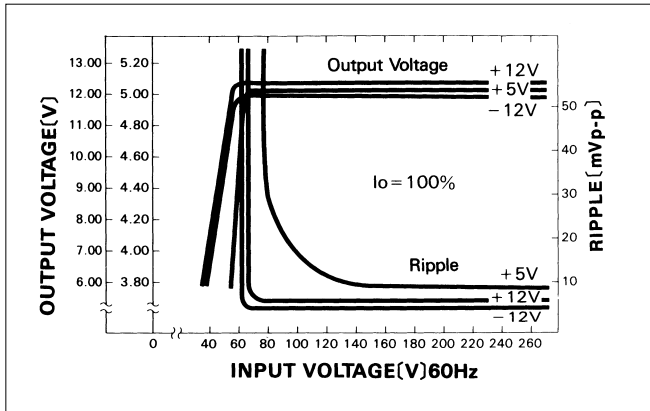


※ Weight: 250g or less.
※ Tolerance: ±1
※ Dimensions in mm.
※ Mounting torque : 0.49N·m (5.0 kgf·cm) max

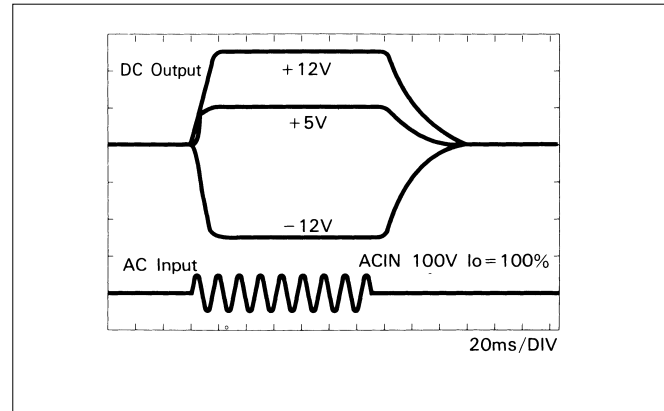
PMC

Performance data

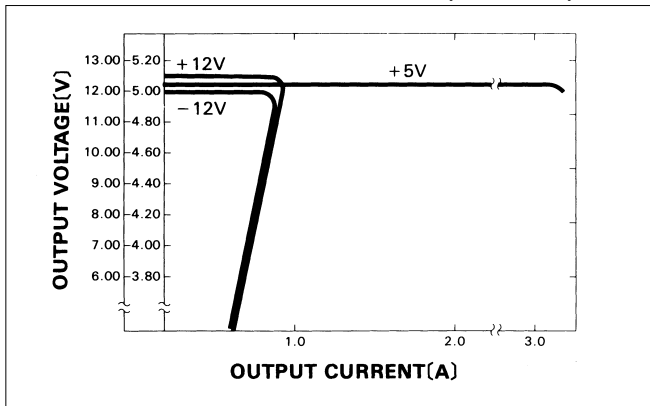
■ STATIC CHARACTERISTICS (PMC15E-1)



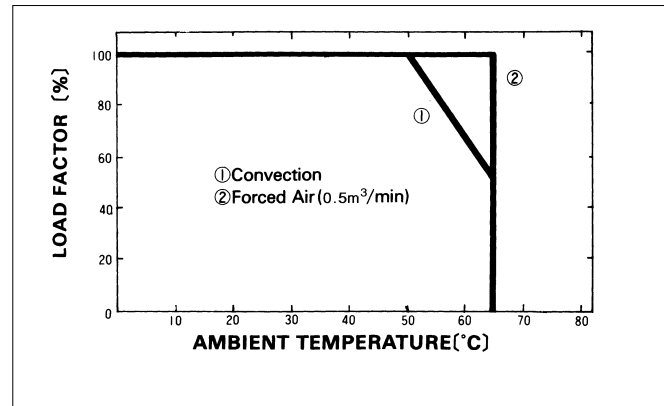
■ RISE TIME & FALL TIME (PMC15E-1)



■ OVERCURRENT CHARACTERISTICS (PMC15E-1)



■ DERATING CURVE



COSEL AC-DC Power Supplies Enclosed type

PMC30

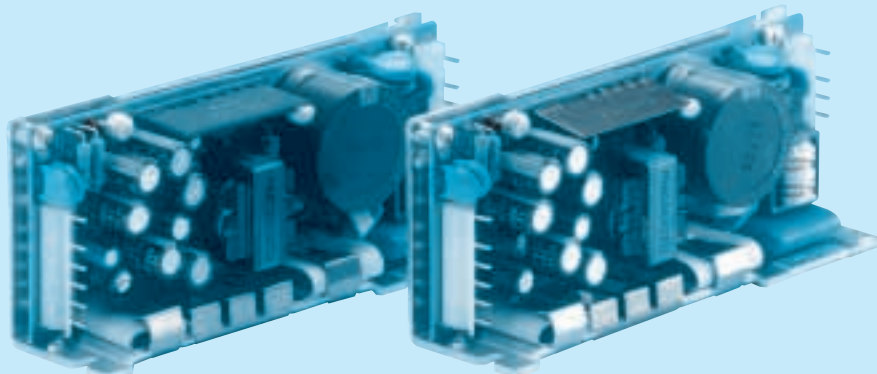
Ordering information

PMC 30 E -1 -□

① ② ③ ④ ⑤



RoHS



- ① Series name
- ② Output wattage
- ③ UL recognized, TÜV approved, CSA certified : E
- ④ Output voltage combination
- ⑤ Optional *1
C :with Coating
G :Low leakage current

PMC

MODEL	PMC30E-1	PMC30E-2
DC OUTPUT	V1	+5V 3.0A
	V2	+12V 1.2A
	V3	-12V 0.3A

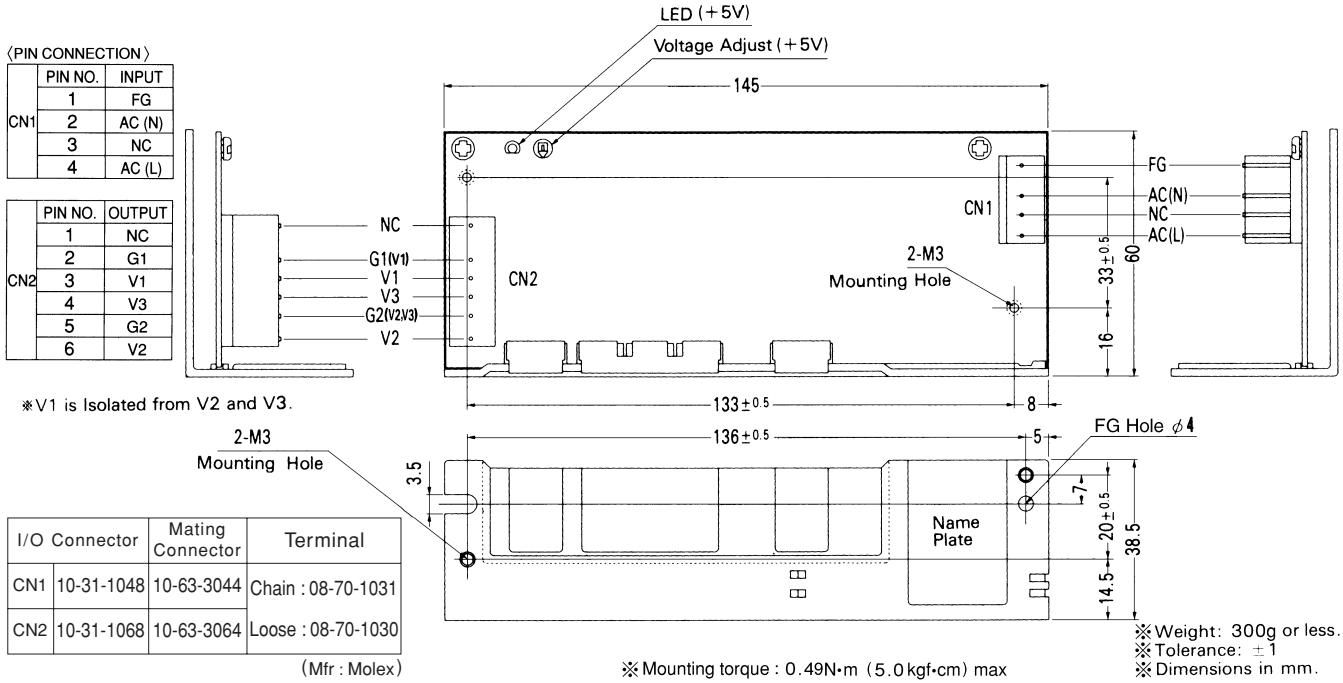
SPECIFICATIONS

	MODEL	PMC30E-1	PMC30E-2					
INPUT	VOLTAGE[V]	AC85 - 264 1 φ or DC110 - 370						
	CURRENT[A]	ACIN 100V	0.8typ (Io=100%) Universal Input					
		ACIN 200V	0.4typ (Io=100%) Universal Input					
	FREQUENCY[Hz]	47 - 440 or DC						
	EFFICIENCY[%]	ACIN 100V	65typ (Io=100%)					
	INRUSH CURRENT[A]	ACIN 100V	25typ (Io=100%) (At cold start)					
OUTPUT	VOLTAGE[V]	+5	+12	-12	+5	+15	-15	
	CURRENT[A]	3.0	1.2	0.3	3.0	0.7	0.5	
	MINIMUM CURRENT[A]	0.3	0	0	0.3	0	0	
	LINE REGULATION[mV]	20max	48max	48max	20max	60max	60max	
	LOAD REGULATION[mV]	100max	120max	150max	100max	120max	150max	
	RIPPLE[mVp-p]	100max	120max	60max	100max	120max	100max	
	RIPPLE NOISE[mVp-p]	120max	150max	150max	120max	150max	150max	
	TEMPERATURE REGULATION[mV]	0 to +50°C	50max	350max	350max	50max	350max	350max
	START-UP TIME[ms]	100max (ACIN 85V, Io=100%)						
	HOLD-UP TIME[ms]	10typ (ACIN 85V, Io=100%)						
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically						
	ISOLATION	INPUT-OUTPUT	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)					
	INPUT-CASE	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)						
	OUTPUT-CASE	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩmin (At Room Temperature)						
	OUTPUT-OUTPUT(V1-V2,V3)	AC100V 1minute, Cutoff current = 100mA, DC100V 10MΩmin (At Room Temperature)						
ENVIRONMENT	OPERATING TEMP.,HUMID.AND ALTITUDE	0 to +65°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, 30minutes each along X, Y and Z axis						
SAFETY AND NOISE REGULATIONS	IMPACT	196.1m/s ² (20G), 11ms, once each X, Y and Z axis						
	AGENCY APPROVALS	UL60950-1, CSA1402C, EN60950-1, EN50178 Complies with IEC60950-1 and DEN-AN						
	CONDUCTED NOISE	Complies with FCC-B						

*1 Please contact us about safety approvals for the model with option.

* Series/Parallel operation with other model is not possible.

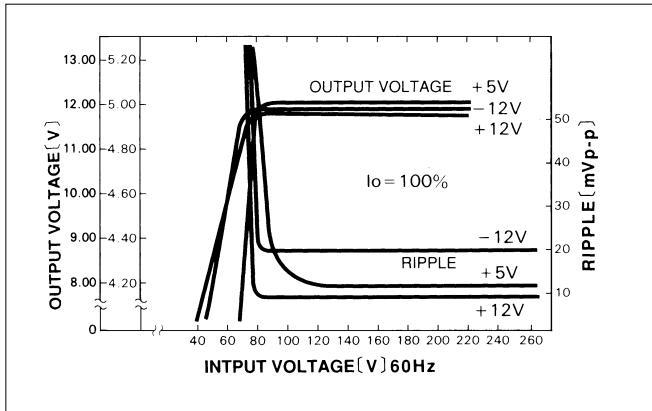
External view



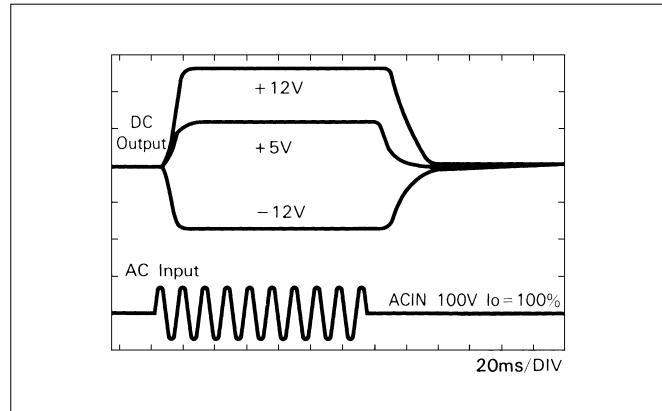
PMC

Performance data

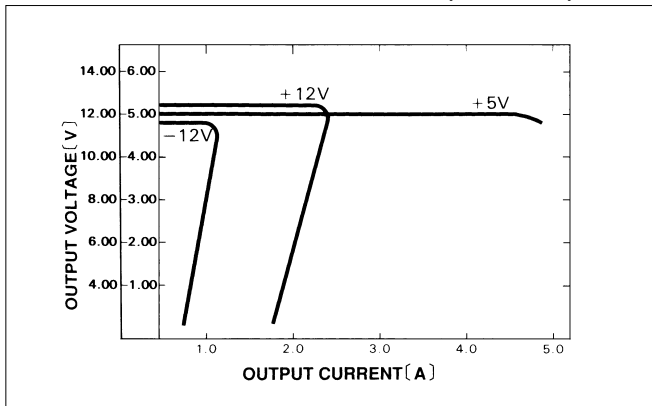
■ STATIC CHARACTERISTICS (PMC30E-1)



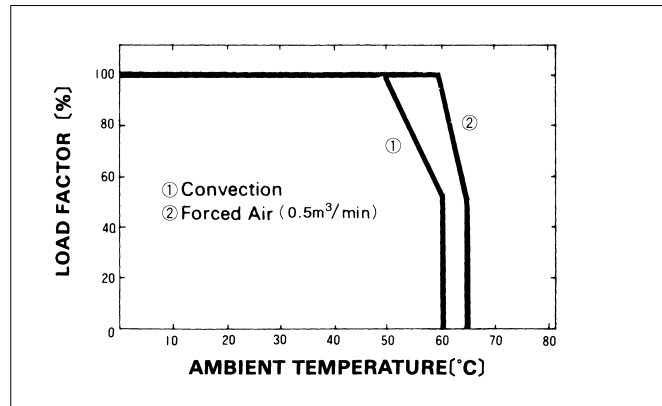
■ RISE TIME & FALL TIME (PMC30E-1)



■ OVERCURRENT CHARACTERISTICS (PMC30E-1)

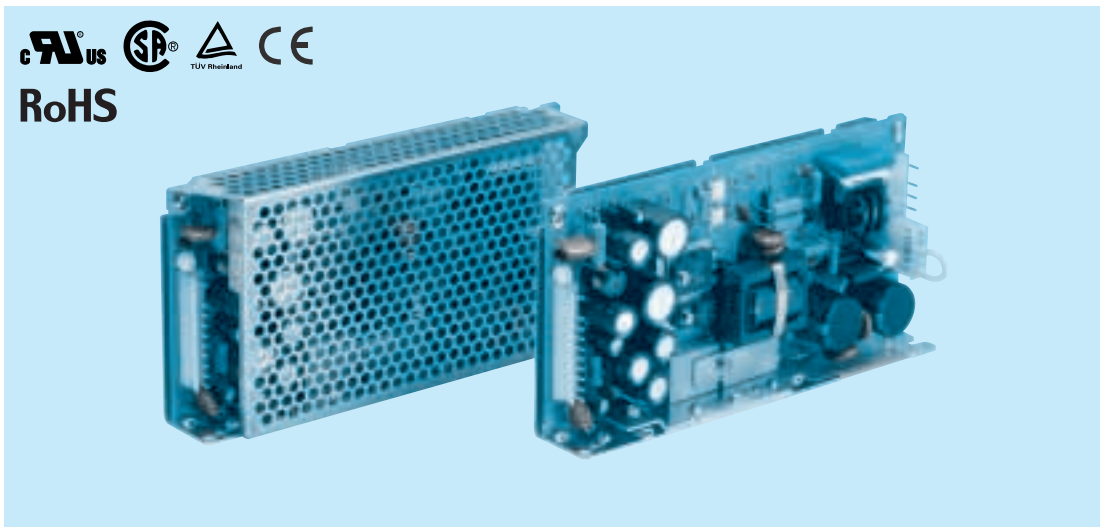


■ DERATING CURVE



COSEL AC-DC Power Supplies Enclosed type
PMC50

Ordering information
PMC 50 E -1 -XULA -□



UL US, SP, TÜV Rheinland, CE
RoHS

- ① Series name
- ② Output wattage
- ③ UL recognized, TÜV approved, CSA certified : E
- ④ Output voltage combination
- ⑤ Optional *1
 C :with Coating
 N :with Cover

PMC

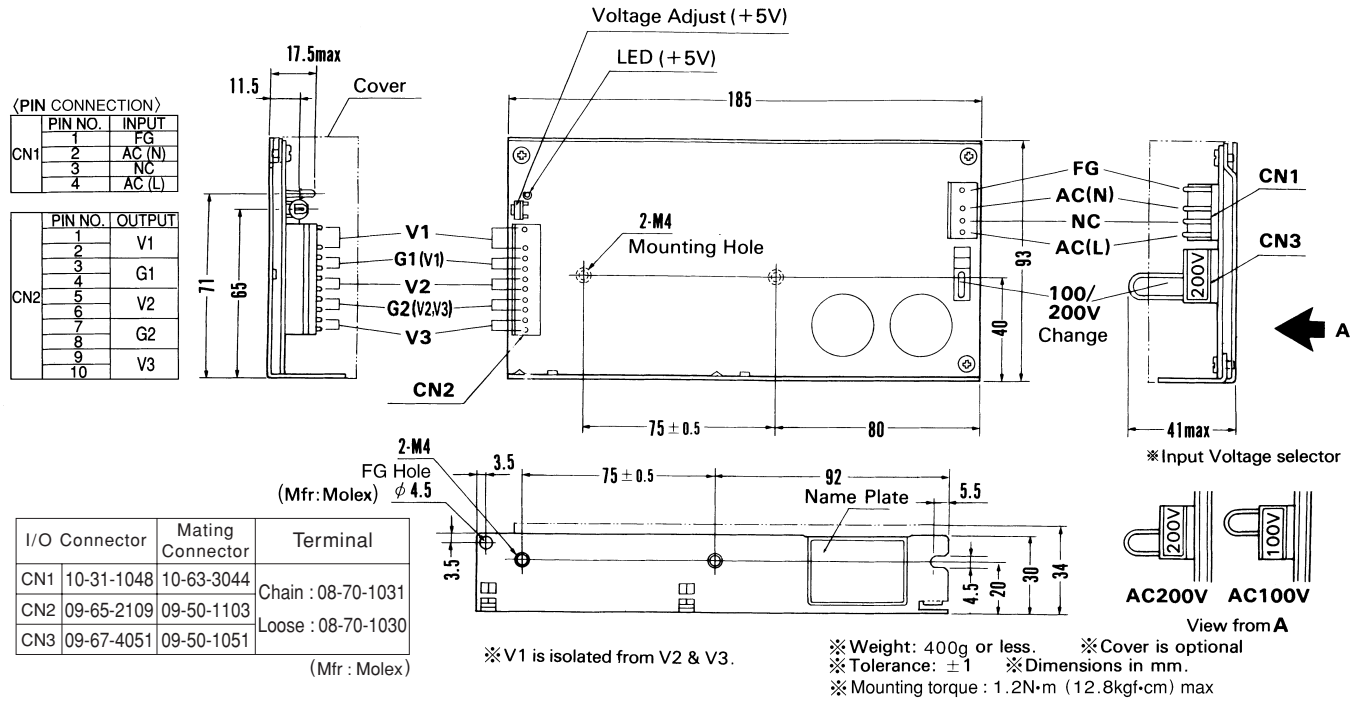
MODEL	PMC50E-1-XULA	PMC50E-2-XULA	PMC50E-4-XULA
DC OUTPUT	V1	+5V 5.0A	+5V 5.0A
	V2	+12V 1.25(Peak 2.0)A	+15V 1.0A
	V3	-12V 0.35A	-15V 0.35A

SPECIFICATIONS

	MODEL	PMC50E-1-XULA	PMC50E-2-XULA	PMC50E-4-XULA							
INPUT	VOLTAGE[V]	AC85 - 132 / 170 - 264 1φ (User-selectable) or DC220 - 370									
	CURRENT[A]	ACIN 100V	1.4typ (Io=100%) User-selectable								
		ACIN 200V	0.7typ (Io=100%) User-selectable								
	FREQUENCY[Hz]	47 - 440									
	EFFICIENCY[%]	ACIN 100V	70typ (Io=100%)								
	INRUSH CURRENT[A]	ACIN 100V	20typ (Io=100%) (At cold start)								
ACIN 200V		40typ (Io=100%) (At cold start)									
OUTPUT	VOLTAGE[V]	+5	+12	-12	+5	+15	-15	+5	+12	-12	
	CURRENT[A]	0.75 - 5	0-1.25(Peak2.0)	0 - 0.35	0.75 - 5	0 - 1.0	0 - 0.35	0.75 - 7	0-0.7(Peak1.5)	0 - 0.2	
	MINIMUM CURRENT[A]	0.75	0	0	0.75	0	0	0.75	0	0	
	LINE REGULATION[mV]	20max	48max	48max	20max	60max	60max	20max	48max	48max	
	LOAD REGULATION[mV]	40max	150max	150max	40max	150max	150max	40max	150max	150max	
	RIPPLE[mVp-p]	80max	120max	120max	80max	120max	120max	80max	120max	120max	
	RIPPLE NOISE[mVp-p]	120max	150max	150max	120max	150max	150max	120max	150max	150max	
	TEMPERATURE REGULATION[mV]	0 to +50°C	50max	350max	350max	50max	350max	350max	50max	350max	350max
	START-UP TIME[ms]	100max (ACIN 85V, Io=100%)									
	HOLD-UP TIME[ms]	10typ (ACIN 85V, Io=100%) 20typ (ACIN 100V, Io=100%)									
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	5.00 - 5.25	Fixed	Fixed	5.00 - 5.25	Fixed	Fixed	5.00 - 5.25	Fixed	Fixed	
OUTPUT VOLTAGE SETTING[V]	—	11.4 to 12.6	-11.4 to -12.6	—	14.25 to 15.75	-14.25 to -15.75	—	11.4 to 12.6	-11.4 to -12.6		
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works at over 105% of rating (V2 works at peak current)and recovers automatically									
	OVERVOLTAGE PROTECTION	Works at 115 - 140% of rating (+5V)									
ISOLATION	INPUT-OUTPUT	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)									
	INPUT-FG	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)									
	OUTPUT-FG	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩmin (At Room Temperature)									
	OUTPUT-OUTPUT(V1-V2,V3)	AC100V 1minute, Cutoff current = 100mA, DC100V 10MΩmin (At Room Temperature)									
ENVIRONMENT	OPERATING TEMP.,HUMID.AND ALTITUDE	-10 to +65°C, 20 - 95%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max									
	STORAGE TEMP.,HUMID.AND ALTITUDE	-25 to +75°C, 20 - 95%RH (Non condensing), 9,000m (30,000feet) max									
	VIBRATION	10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 30minutes each along X, Y and Z axis									
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS	UL60950-1, CSA C22.2 No.60950-1, EN60950-1, EN50178 Complies with IEC60950-1 and DEN-AN									
	CONDUCTED NOISE	Complies with FCC-B									

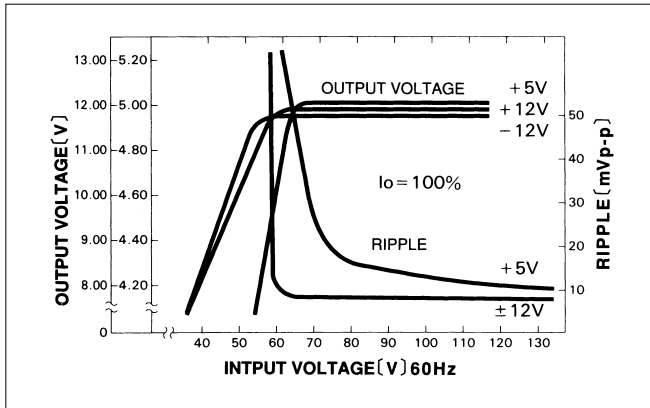
*1 Please contact us about safety approvals for the model with option.
 * Series/Parallel operation with other model is not possible.
 * When units are operated with chassis and cover, derating is required.

External view

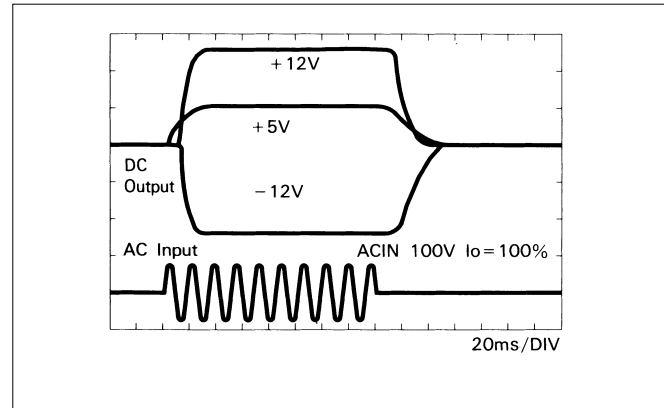


Performance data

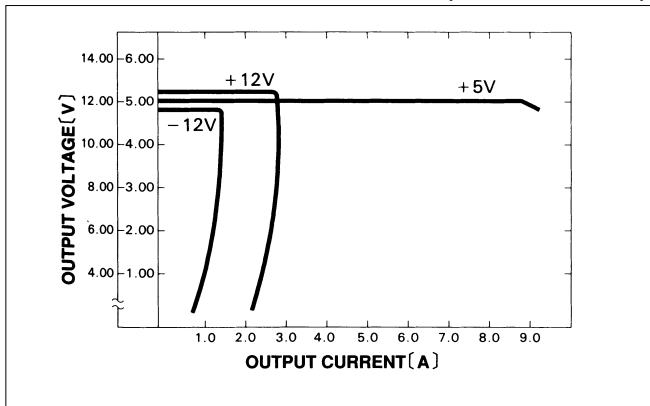
■ STATIC CHARACTERISTICS (PMC50E-1-XULA)



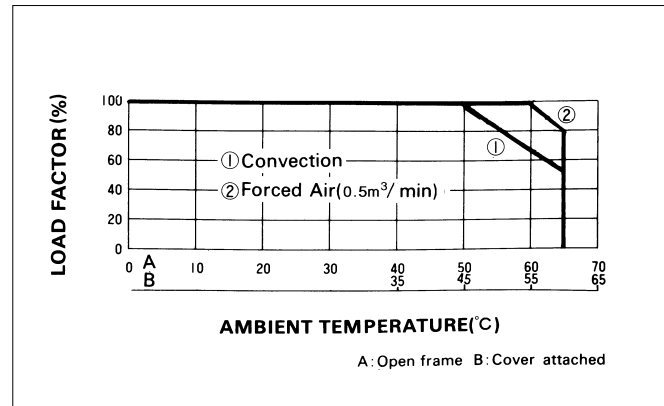
■ RISE TIME & FALL TIME (PMC50E-1-XULA)



■ OVERCURRENT CHARACTERISTICS (PMC50E-1-XULA)



■ DERATING CURVE



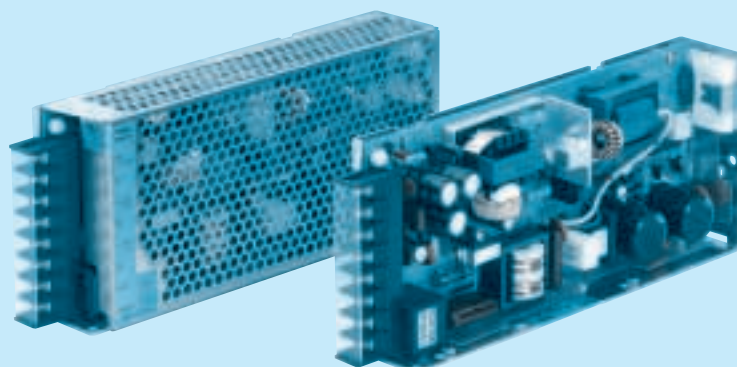
COSEL AC-DC Power Supplies Enclosed type

PMC75

Ordering information

PMC 75 E -1 -□

① ② ③ ④ ⑤



- ① Series name
- ② Output wattage
- ③ UL recognized, TÜV approved, CSA certified : E
- ④ Output voltage combination
- ⑤ Optional *1
C :with Coating
G :Low leakage current
J :Connector type
N :with Cover

PMC

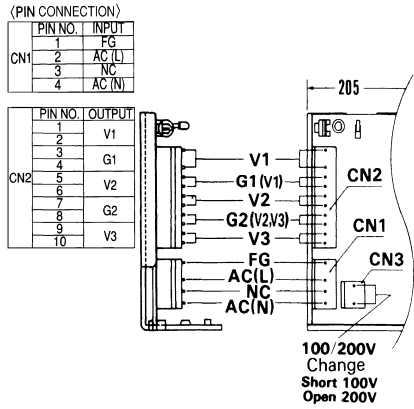
MODEL	PMC75E-1	PMC75E-2	PMC75E-4
DC OUTPUT	V1	+5V 8.0A	+5V 8.0A
	V2	+12V 2.5A	+15V 1.8A
	V3	-12V 0.5A	-15V 0.5A

SPECIFICATIONS

	MODEL	PMC75E-1	PMC75E-2	PMC75E-4							
INPUT	VOLTAGE[V]	AC85 - 132 / 170 - 264 1φ (User-selectable) or DC220 - 370									
	CURRENT[A]	ACIN 100V	1.8typ (Io=100%) User-selectable								
		ACIN 200V	1.0typ (Io=100%) User-selectable								
	FREQUENCY[Hz]	47 - 440									
	EFFICIENCY[%]	ACIN 100V	75typ (Io=100%)								
	INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%)								
ACIN 200V		30typ (Io=100%)									
OUTPUT	VOLTAGE[V]	+5	+12	-12	+5	+15	-15	+5	+12	-12	
	CURRENT[A]	8	2.5	0.5	8	1.8	0.5	6	3.2	0.5	
	MINIMUM CURRENT[A]	1.5	0	0	1.5	0	0	1.5	0	0	
	LINE REGULATION[mV]	20max	48max	48max	20max	60max	60max	20max	48max	48max	
	LOAD REGULATION[mV]	40max	100max	150max	40max	120max	150max	40max	100max	150max	
	RIPPLE[mVp-p]	80max	120max	120max	80max	120max	120max	80max	120max	120max	
	RIPPLE NOISE[mVp-p]	120max	150max	150max	120max	150max	150max	120max	150max	150max	
	TEMPERATURE REGULATION[mV]	0 to +50°C	50max	120max	350max	50max	150max	350max	50max	120max	350max
	START-UP TIME[ms]	200max (ACIN 85V, Io=100%)									
	HOLD-UP TIME[ms]	10typ (ACIN 85V, Io=100%) 20typ (ACIN 100V, Io=100%)									
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	5.00 - 5.25	Fixed	Fixed	5.00 - 5.25	Fixed	Fixed	5.00 - 5.25	Fixed	Fixed	
OUTPUT VOLTAGE SETTING[V]	—	11.4 to 12.6	-11.4 to -12.6	—	14.25 to 15.75	-14.25 to -15.75	—	11.4 to 12.6	-11.4 to -12.6		
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically									
	OVERVOLTAGE PROTECTION	Works at 115 - 140% of rating (+5V)									
ISOLATION	INPUT-OUTPUT	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)									
	INPUT-FG	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)									
	OUTPUT-FG	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩmin (At Room Temperature)									
	OUTPUT-OUTPUT(V1-V2,V3)	AC100V 1minute, Cutoff current = 100mA, DC100V 10MΩmin (At Room Temperature)									
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE	-10 to +65°C, 20 - 95%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max									
	STORAGE TEMP., HUMID. AND ALTITUDE	-25 to +75°C, 20 - 95%RH (Non condensing), 9,000m (30,000feet) max									
	VIBRATION	10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 30minutes each along X, Y and Z axis									
SAFETY AND NOISE REGULATIONS	IMPACT	196.1m/s ² (20G), 11ms, once each X, Y and Z axis									
	AGENCY APPROVALS	UL60950-1, CSA C22.2 No.60950-1, EN60950-1, EN50178 Complies with IEC60950-1 and DEN-AN									
CONDUCTED NOISE	Complies with FCC-B										

*1 Please contact us about safety approvals for the model with option.
* Series/Parallel operation with other model is not possible.
* When units are operated with chassis and cover, derating is required.

External view

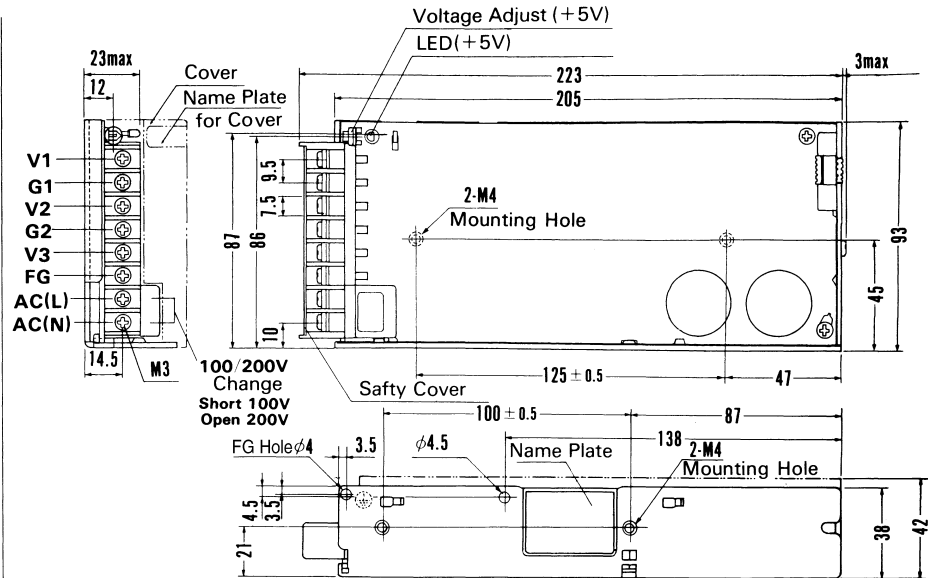


I/O Connector	Mating Connector	Terminal
CN1	10-31-1048	10-63-3044
CN2	09-65-2109	09-50-1103
CN3	10-31-1028	10-63-3024

Chain : 08-70-1031
Loose : 08-70-1030

(Mfr : Molex)

Connector type



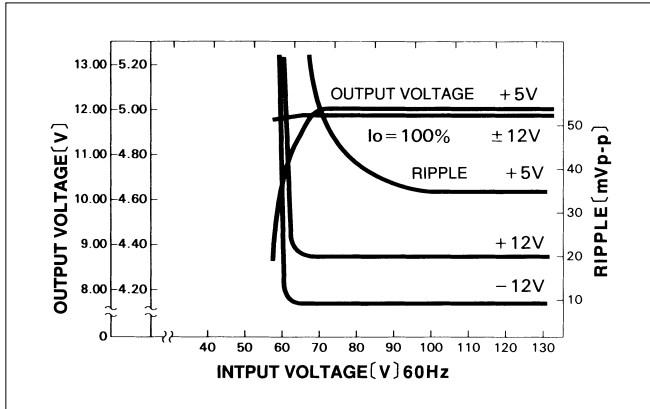
※V1 is isolated from V2 & V3.

- ※Weight: 600g or less.
- ※Cover is optional
- ※Tolerance: ±1
- ※Dimensions in mm
- ※Mounting torque: 1.2N·m (12.8kgf·cm) max

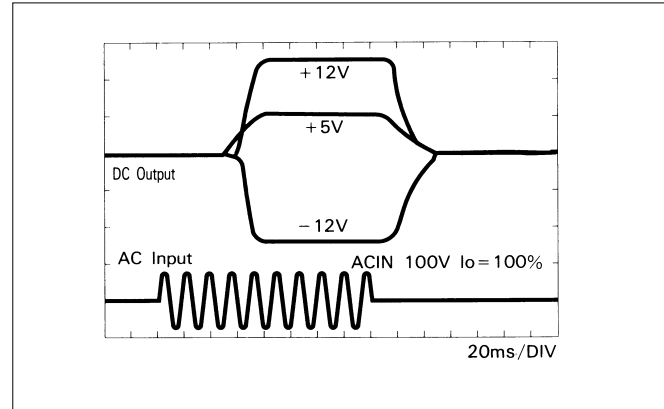
Barrier strip type

Performance data

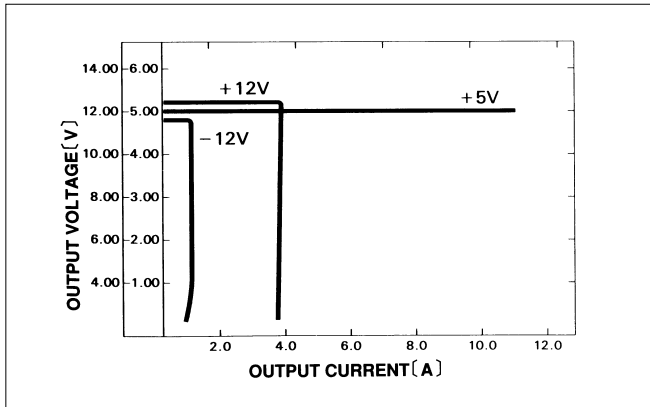
■STATIC CHARACTERISTICS (PMC75E-1)



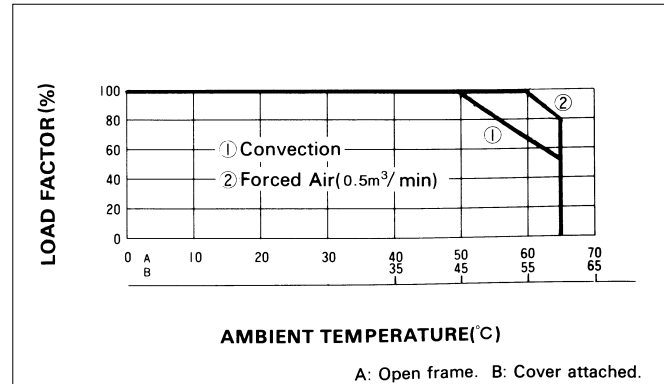
■RISE TIME & FALL TIME (PMC75E-1)



■OVERCURRENT CHARACTERISTICS (PMC75E-1)

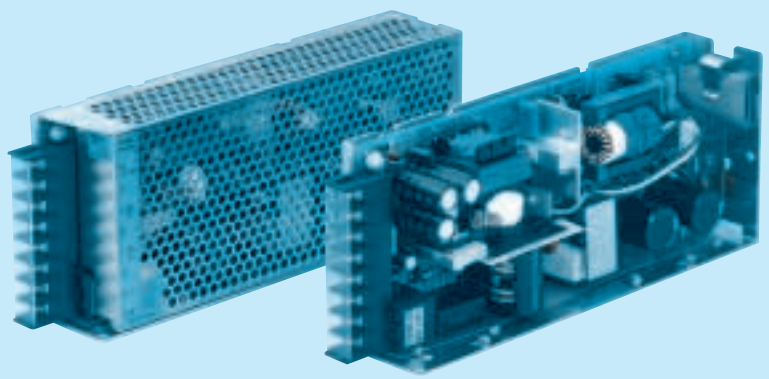


■DERATING CURVE



COSEL AC-DC Power Supplies Enclosed type
PMC100

Ordering information
PMC 100 E -1 -□



- ① Series name
- ② Output wattage
- ③ UL recognized, TÜV approved, CSA certified : E
- ④ Output voltage combination
- ⑤ Optional *1
 G : Low leakage current
 J : Connector type
 N : with Cover

PMC

MODEL	PMC100E-1	PMC100E-2	PMC100E-4
DC OUTPUT	V1	+5V 13.0A	+5V 8.0A
	V2	+12V 2.0A	+15V 1.5A
	V3	-12V 1.0A	-15V 1.0A

SPECIFICATIONS

	MODEL	PMC100E-1	PMC100E-2	PMC100E-4							
INPUT	VOLTAGE[V]	AC85 - 132 / 170 - 264 1φ (User-selectable) or DC220 - 370									
	CURRENT[A]	ACIN 100V	2.4typ (Io=100%) User-selectable								
		ACIN 200V	1.4typ (Io=100%) User-selectable								
	FREQUENCY[Hz]	47 - 440									
	EFFICIENCY[%]	ACIN 100V	75typ (Io=100%)								
	INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%)								
ACIN 200V		30typ (Io=100%)									
OUTPUT	VOLTAGE[V]	+5	+12	-12	+5	+15	-15	+5	+12	-12	
	CURRENT[A]	13	2	1	13	1.5	1	8	4	1	
	MINIMUM CURRENT[A]	1.5	0	0	1.5	0	0	1.5	0	0	
	LINE REGULATION[mV]	20max	48max	48max	20max	60max	60max	20max	48max	48max	
	LOAD REGULATION[mV]	40max	100max	150max	40max	120max	150max	40max	100max	150max	
	RIPPLE[mVp-p]	80max	120max	120max	80max	120max	120max	80max	120max	120max	
	RIPPLE NOISE[mVp-p]	120max	150max	150max	120max	150max	150max	120max	150max	150max	
	TEMPERATURE REGULATION[mV]	0 to +50°C	50max	120max	350max	50max	150max	350max	50max	120max	350max
	START-UP TIME[ms]	200max (ACIN 85V, Io=100%)									
	HOLD-UP TIME[ms]	10typ (ACIN 85V, Io=100%) 20typ (ACIN 100V, Io=100%)									
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]	5.00 - 5.25	Fixed	Fixed	5.00 - 5.25	Fixed	Fixed	5.00 - 5.25	Fixed	Fixed	
OUTPUT VOLTAGE SETTING[V]	—	11.4 to 12.6	-11.4 to -12.6	—	14.25 to 15.75	-14.25 to -15.75	—	11.4 to 12.6	-11.4 to -12.6		
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically									
	OVERVOLTAGE PROTECTION	Works at 115 - 140% of rating (+5V)									
ISOLATION	INPUT-OUTPUT	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)									
	INPUT-FG	AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)									
	OUTPUT-FG	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩmin (At Room Temperature)									
	OUTPUT-OUTPUT(V1-V2,V3)	AC100V 1minute, Cutoff current = 100mA, DC100V 10MΩmin (At Room Temperature)									
ENVIRONMENT	OPERATING TEMP.,HUMID.AND ALTITUDE	-10 to +65°C, 20 - 95%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet)									
	STORAGE TEMP.,HUMID.AND ALTITUDE	-25 to +75°C, 20 - 95%RH (Non condensing) 9,000m (30,000feet) max									
	VIBRATION	10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 30minutes each along X, Y and Z axis									
	IMPACT	196.1m/s ² (20G), 11ms, once each X, Y and Z axis									
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS	UL60950-1, CSA1402C, EN60950-1, EN50178 Complies with IEC60950-1 and DEN-AN									
	CONDUCTED NOISE	Complies with FCC-B									

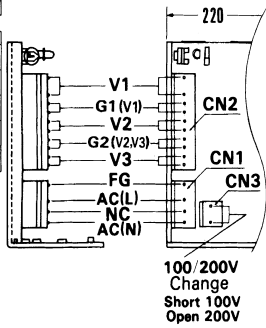
*1 Please contact us about safety approvals for the model with option.
 * Series/Parallel operation with other model is not possible.
 * When units are operated with chassis and cover, derating is required.

External view

(PIN CONNECTION)

PIN NO.	INPUT
1	FG
2	AC(L)
3	NC
4	AC(N)

PIN NO.	OUTPUT
1	V1
2	G1
3	V2
4	G2
5	V3
6	V3
7	V3
8	V3
9	V3
10	V3

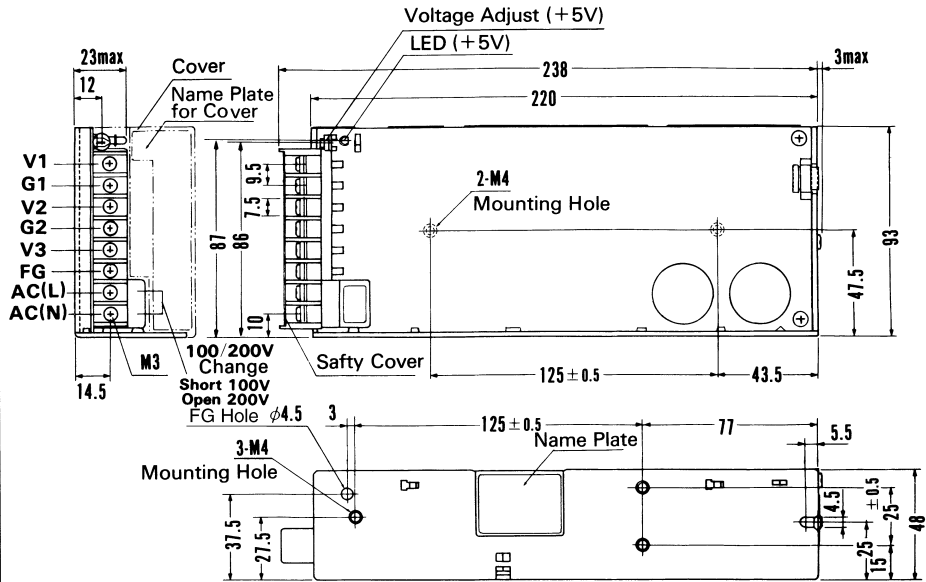


I/O Connector	Mating Connector	Terminal
CN1	10-31-1048	10-63-3044
CN2	09-65-2109	09-50-1103
CN3	10-31-1028	10-63-3024

Chain : 08-70-1031
Loose : 08-70-1030

(Mfr : Molex)

Connector type



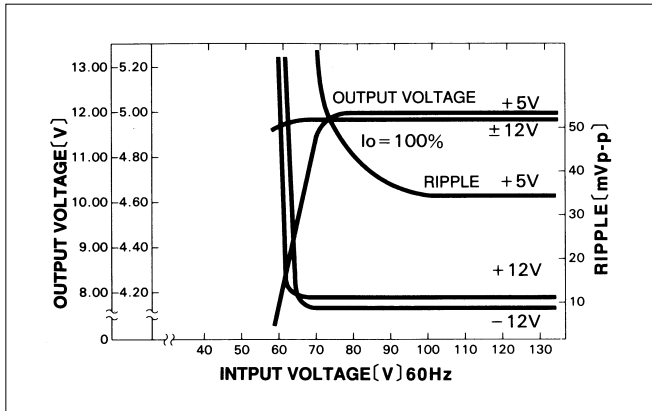
※ V1 is isolated from V2 & V3.

※ Weight: 750g or less. ※ Cover is optional
※ Tolerance: ±1 ※ Dimensions in mm.
※ Mounting torque : 1.2N·m (12.8kgf·cm) max

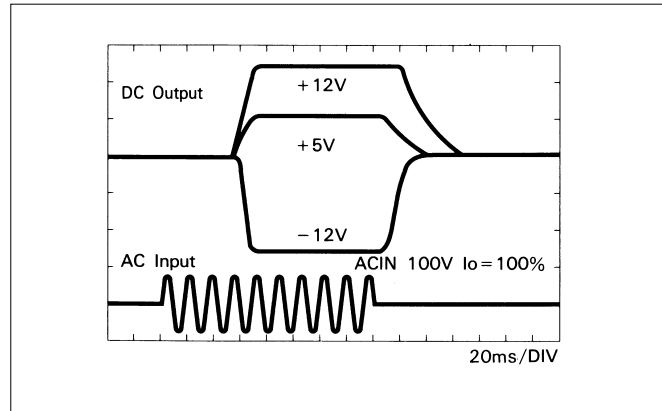
Barrier strip type

Performance data

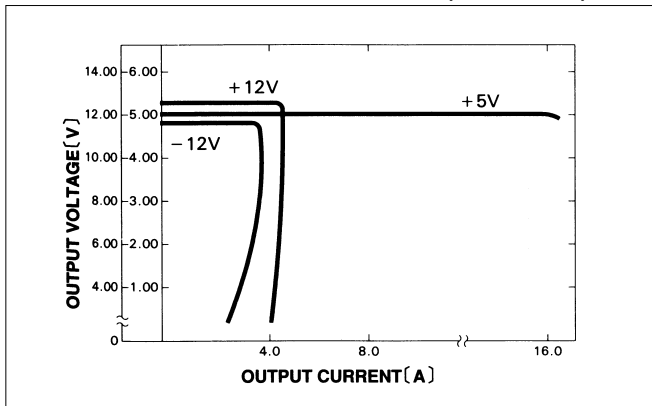
■ STATIC CHARACTERISTICS (PMC100E-1)



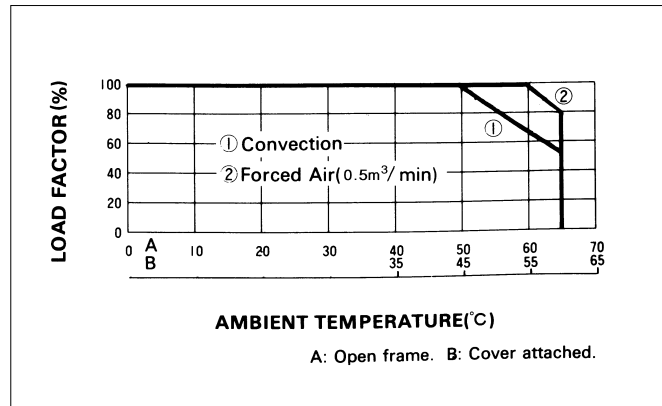
■ RISE TIME & FALL TIME (PMC100E-1)



■ OVERCURRENT CHARACTERISTICS (PMC100E-1)



■ DERATING CURVE



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