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TECHNOLOGY GROUP

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Expert team | Trust guarantee | 100% satisfaction

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Find the *Cosel PMC30E-2* at our website: ***Click HERE***

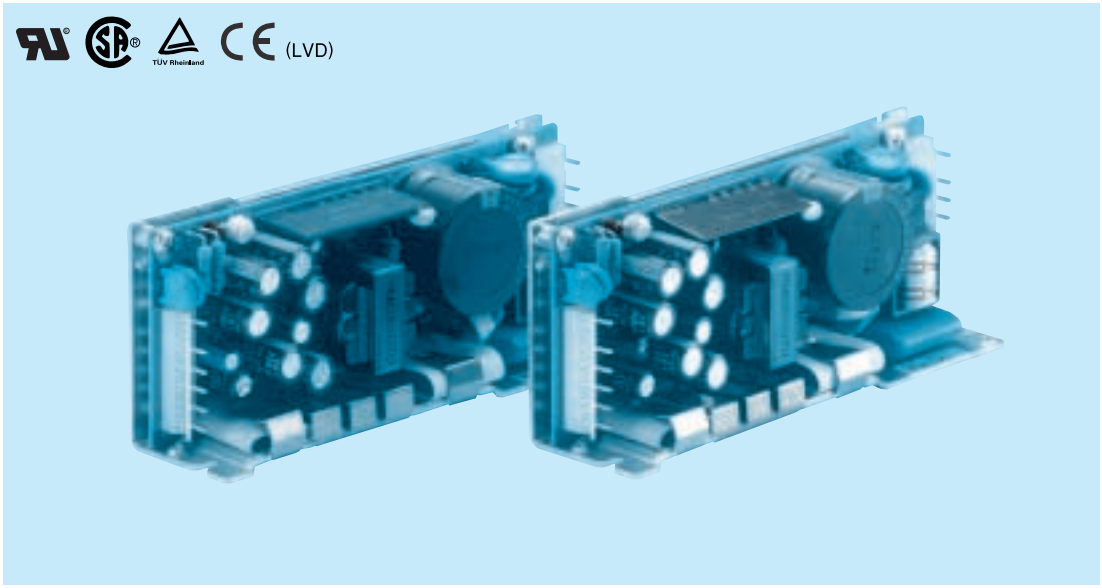
COSEL **Unit type**

PMC30

Ordering information

PMC 30 E -1 -□

① ② ③ ④ ⑤



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

PMC

MODEL		PMC30E-1	PMC30E-2
DC OUTPUT	V1	+5V 3.0A	+5V 3.0A
	V2	+12V 1.2A	+15V 0.7A
	V3	-12V 0.3A	-15V 0.5A

SPECIFICATIONS

	MODEL		PMC30E-1			PMC30E-2		
INPUT	VOLTAGE[V]		AC85 - 264 1φ 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℃	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
	OUTPUT VOLTAGE SETTING[V]		——	11.4 to 12.6	-11.4 to -12.6	——	14.25 to 15.75	-14.25 to -15.75
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℃, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max					
	STORAGE TEMP.,HUMID.AND ALTITUDE		-20 to +75℃, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max					
	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes period, 30minutes each along X, Y and Z axis					
	IMPACT		196.1m/s² (20G), 11±5ms, once each X, Y and Z axis					
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS		UL1950, CSA1402C, EN60950, VDE0160 Complies with IEC60950 and DEN-AN					
	CONDUCTED NOISE		Complies with FCC-B					

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

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