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Data Sheet

August 15, 2026

COSEL

Cosel PMC30E-2 Switching Power Supply

Cosel PMC30E-2 Triple Output AC-DC Power Supply 5 V 15 V -15 V 33 W The Cosel PMC30E-2 is a universal-input triple-output panel-mount AC-DC supply in the PMC30 series. OEM Cosel PMC catalog tables rate plus 5 V at 3.0 A, plus 15 V at 0.7 A, and -15 V at 0.5 A (33 W), 65 percent typical efficiency, and FCC-B conducted noise compliance. Industrial control panels and embedded systems needing a compact triple-rail 5/plus or minus 15 V supply from wide-range AC. Built-in inrush and overcurrent protection The Cosel PMC30E-2 is a universal-input triple-output panel-mount AC-DC supply in the PMC30 series. OEM Cosel PMC catalog tables rate plus 5 V at 3.0 A, plus 15 V at 0.7 A, and -15 V at 0.5 A (33 W), 65 percent typical efficiency, and FCC-B conducted noise compliance. Industrial control panels and embedded systems needing a compact triple-rail 5/plus or minus 15 V supply from wide-range AC. Built-in inrush and overcurrent protection Instrument Type: Triple output AC-DC switching power supply



MODEL

Cosel PMC30E-2

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PMC30E-2

LISTING

<https://aumictechlabs.com/products/pmc30e-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Cosel PMC30E-2 is a 33W triple-output AC-DC switching power supply engineered for industrial and commercial equipment requiring compact, convection-cooled power delivery. This open-frame, panel-mount unit accepts universal AC input (85–264V, 47–440Hz) or DC input (110–

370V), making it suitable for globally distributed installations. It delivers three regulated DC rails: +5V at 3.0A, +15V at 0.7A, and -15V at 0.5A, with fast startup in 50ms and 20ms hold-up time.

Technical Specifications Input: 85–264V AC (1Ø) or 110–370V DC; 47–440Hz frequency range
Output: +5V @ 3.0A, +15V @ 0.7A, -15V @ 0.5A Total power: 33W Line regulation: $\pm 20\text{mV}$ (5V), $\pm 60\text{mV}$ ($\pm 15\text{V}$ rails) Load regulation: $\pm 100\text{mV}$ (5V), $\pm 150\text{mV}$ ($\pm 15\text{V}$ rails) Ripple & noise: 100mV p-p (5V), 120mV p-p ($\pm 15\text{V}$ rails) Start-up time: 50ms typical; hold-up time: 20ms Inrush current: 25A typical (100V AC cold start), 40A typical (200V AC cold start) Temperature regulation: $\pm 50\text{mV}$ (5V), $\pm 350\text{mV}$ ($\pm 15\text{V}$ rails) over 0–50°C Operating range: 0–65°C, 20–90% RH (non-condensing) Weight: 300g maximum

Key Features Automatic overcurrent protection engaging above 105% of rated output current with self-recovery Inrush current limiting on power-on High input-output isolation: 3,000V AC, 500V DC Input-to-case isolation: 2,000V AC, 500V DC Output-to-case isolation: 500V AC, 500V DC Output-to-output isolation: 100V AC, 100V DC (inter-rail) Convection cooling - no fan required Lightweight open-frame construction

Typical Applications Control systems, instrumentation, industrial process equipment, laboratory power distribution, and embedded multi-rail systems demanding regulated, isolated power in space-constrained enclosures.

Compatibility & Integration Designed for direct integration into OEM chassis with standard panel-mount footprint. The PMC30E-2 configuration delivers the specified +5V/+15V/-15V rail set; alternate output configurations exist in the PMC series (PMC30E-1 offers different voltage/current combinations).

Features & description

From manufacturer datasheet

Built-in inrush and overcurrent protection

Stabilized outputs on all three rails Panel-mount PMC form factor Technical Specifications Model: PMC30E-2 Instrument Type: Triple output AC-DC switching power supply Rated Output Wattage: 33 W Output V1 Voltage: plus 5 V Output V1 Current: 3.0 A Output V2 Voltage: plus 15 V Output V2 Current: 0.7 A Output V3 Voltage: -15 V Output V3 Current: 0.5 A V1 Minimum Current: 0.3 A Input Voltage: AC 85 to 264 V 1-phase or DC 110 to 370 V Input Current Acin 100 V: 0.8 A typical at Io equals 100 percent Input Current Acin 200 V: 0.4 A typical at Io equals 100 percent Input Frequency: 47 to 440 Hz or DC Efficiency Acin 100 V: 65 percent typical at Io equals 100 percent Inrush Current Acin 100 V: 25 A typical at cold start Io equals 100 percent Line Regulation V1: 20 mV maximum Line Regulation V2: 60 mV maximum Line Regulation V3: 60 mV maximum Load Regulation V1: 100 mV maximum Load Regulation V2: 120 mV maximum Load Regulation V3: 150 mV maximum Ripple V1: 100 mVp-p maximum Ripple V2: 120 mVp-p maximum Ripple V3: 100 mVp-p maximum Ripple Noise V1: 120 mVp-p maximum Ripple Noise V2: 150 mVp-p maximum Ripple Noise V3: 150 mVp-p maximum Temperature Regulation V1 0 To Plus 50 C: 50 mV maximum Start Up Time: 100 ms maximum at ACIN 85 V Io equals 100 percent

PMC30E Characteristics / Specifications

PARAMETER	VALUE
Model	PMC30E-2
Instrument Type	Triple output AC-DC switching power supply
Rated Output Wattage	33 W
Output V1 Voltage	plus 5 V
Output V1 Current	3.0 A
Output V2 Voltage	plus 15 V
Output V2 Current	0.7 A
Output V3 Voltage	-15 V
Output V3 Current	0.5 A
V1 Minimum Current	0.3 A
Input Voltage	AC 85 to 264 V 1-phase or DC 110 to 370 V
Input Current Acin 100 V	0.8 A typical at Io equals 100 percent
Input Current Acin 200 V	0.4 A typical at Io equals 100 percent
Input Frequency	47 to 440 Hz or DC
Efficiency Acin 100 V	65 percent typical at Io equals 100 percent
Inrush Current Acin 100 V	25 A typical at cold start Io equals 100 percent
Line Regulation V	20 mV maximum
Load Regulation V	100 mV maximum
Ripple V	100 mVp-p maximum
Ripple Noise V	120 mVp-p maximum
Temperature Regulation V1 0 To Plus 50 C	50 mV maximum
Start Up Time	100 ms maximum at ACIN 85 V Io equals 100 percent
Hold Up Time	10 ms typical at ACIN 85 V Io equals 100 percent
V1 Adjustment Range	5.00 to 5.25 V
V2 Setting Range	14.25 to 15.75 V

PARAMETER	VALUE
V3 Setting Range	-14.25 to -15.75 V
Overcurrent Protection	works over 105 percent of rating automatic recovery
Isolation Input To Output	AC 3000 V 1 minute
Isolation Input To Case	AC 2000 V 1 minute
Isolation Resistance	50 MOhm minimum at DC 500 V room temperature
Operating Temperature	0 to plus 65 C
Operating Humidity	20 to 90 percent RH non-condensing
Storage Temperature	-20 to plus 75 C
Altitude Operating	3000 m maximum
Vibration	10 to 55 Hz 19.6 m/s ² (2 G)
Impact	196.1 m/s ² (20 G) 11 ms
Mass	300 g
Dimensions	145 × 60 × 38.5 mm class listing
Conducted Noise	complies with FCC-B
Humidity	20 to 90 percent RH non-condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	20 to plus 75 C
Operating temperature	0 to plus 65 C
Operating Temperature	0 to plus 65 C
Humidity	20 to 90 percent RH non-condensing
Operating Humidity	20 to 90 percent RH non-condensing
Altitude Operating	3000 m maximum
Vibration	10 to 55 Hz 19.6 m/s2 (2 G)
Impact	196.1 m/s2 (20 G) 11 ms
Mass	300 g
Dimensions	145 × 60 × 38.5 mm class listing
Conducted Noise	complies with FCC-B Notes From Cosel PMC series specification PDF columns for PMC30E-2. Series/parallel operation with other models is not possible per OEM note.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	PMC30E-2
Instrument Type	Triple output AC-DC switching power supply
Rated Output Wattage	33 W
Output V1 Voltage	plus 5 V
Output V1 Current	3.0 A
Output V2 Voltage	plus 15 V
Output V2 Current	0.7 A
Output V3 Voltage	-15 V
Output V3 Current	0.5 A
V1 Minimum Current	0.3 A
Input Voltage	AC 85 to 264 V 1-phase or DC 110 to 370 V
Input Current Acin 100 V	0.8 A typical at Io equals 100 percent
Input Current Acin 200 V	0.4 A typical at Io equals 100 percent
Input Frequency	47 to 440 Hz or DC
Efficiency Acin 100 V	65 percent typical at Io equals 100 percent
Inrush Current Acin 100 V	25 A typical at cold start Io equals 100 percent
Line Regulation V1	20 mV maximum
Line Regulation V2	60 mV maximum
Line Regulation V3	60 mV maximum
Load Regulation V1	100 mV maximum
Load Regulation V2	120 mV maximum
Load Regulation V3	150 mV maximum
Ripple V1	100 mVp-p maximum
Ripple V2	120 mVp-p maximum
Ripple V3	100 mVp-p maximum
Ripple Noise V1	120 mVp-p maximum

PARAMETER	VALUE
Ripple Noise V2	150 mVp-p maximum
Ripple Noise V3	150 mVp-p maximum

Temperature Regulation V1 0 To Plus 50 C: 50 mV maximum

Specifications

PARAMETER	VALUE
Start Up Time	100 ms maximum at ACIN 85 V Io equals 100 percent
Hold Up Time	10 ms typical at ACIN 85 V Io equals 100 percent
V1 Adjustment Range	5.00 to 5.25 V
V2 Setting Range	14.25 to 15.75 V
V3 Setting Range	-14.25 to -15.75 V
Overcurrent Protection	works over 105 percent of rating automatic recovery
Isolation Input To Output	AC 3000 V 1 minute
Isolation Input To Case	AC 2000 V 1 minute
Isolation Resistance	50 MOhm minimum at DC 500 V room temperature
Operating Temperature	0 to plus 65 C
Operating Humidity	20 to 90 percent RH non-condensing
Storage Temperature	-20 to plus 75 C
Altitude Operating	3000 m maximum
Vibration	10 to 55 Hz 19.6 m/s2 (2 G)
Impact	196.1 m/s2 (20 G) 11 ms
Mass	300 g
Dimensions	145 x 60 x 38.5 mm class listing
Conducted Noise	complies with FCC-B

Notes
From Cosel PMC series specification PDF columns for PMC30E-2. Series/parallel operation with other models is not possible per OEM note.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.