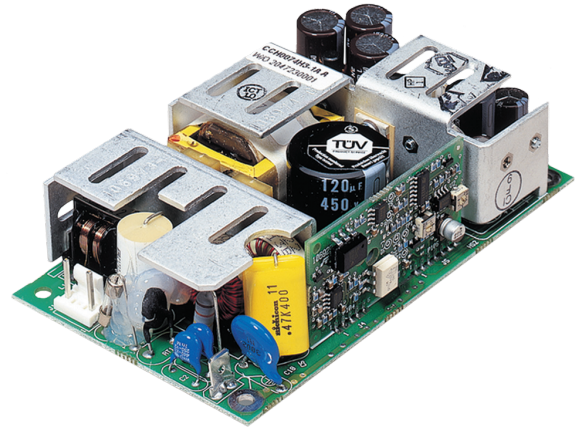


Features:

- 75 Watt Modular Power Supply
- Universal AC Input Range (90-264 VAC)
- Optional Power Factor Correction (CCH Models)
- Low Profile for 1U High Applications
- Meets VDE/FCC Class "B" EMI
- Industry Standard 3 x 5" Footprint
- Total Power Overload Limit Protection
- Over-Current Protection
- International Safety Certifications - UL, CSA, TUV & CE Mark (LVD)



FEATURES	BENEFITS
PFC Compliant to EN61000-3-2	Supports global use of power supply
Input Protection per EN61000-4	Designed to operate in harsh environmental conditions
Economical	Lowered system costs
Flexibility With Options	Custom capability without NRE & long lead-times

KEY MARKET SEGMENTS & APPLICATIONS	
■ Automation Equipment	■ Test Equipment
■ Industrial Applications	■ POS Equipment
■ Computer Peripherals	■ Gaming
■ Networking / Datacom	

SPECIFICATIONS	75 Wat Switching Power Supply
Input Voltage Range	Universal AC Input Range (90-264 VAC, 47-63 Hz)
Input Current Maximum	1.25A (max continuous, 85VAC Full Load)
Inrush Current	20A @ 115 VAC / 32A @ 230 VAC (typical)
Input Protection	Single fuse (2.0 or 3.5A / 250VAC / HB Type)
Power Factor	Passive PFC for EN61000-3-2 Class D Compliance
Efficiency	70% typical (65% minimum) @ 115 VAC (measured at full load)
EMI	FCC and VDE Level "B" (Conducted)
Output Power	75 Watts Continuous
Over-Power Limit	Set at 90W typical by sensing the primary input current
Over-Load Protection	V1 & V2 of CCH74 Models / V1 of CCH75 Models only. 110 - 135% of max lout. Output recovers when fault is removed
Over-Voltage Protection	V1 & V2 of CCH74Models / V1 of CCH75Models only. Trip point set at 116%- 130% of V1 or V2. To reset, cycle input power
Voltage Adjustment Range	±5% of V1 only, V2 / V3 is fixed
Regulation	±2% max of V1, V2 / V3 is ±5% max
Ripple & Noise	1% pk-pk maximum @ 20MHz
Operating Temperature	Full load from 0 to 50°C. Derates linearly from 50°C to 70°C at 2.5% per °C, 8 CFM Required for Full Power
Shock & Vibration	Per MIL STD-810E per 516.4 Part IV
Dimensions	3.00 x 5.00 x 1.95" (76.2mm x 125.7mm x 38.1mm) for standard open frame model
Safety Approvals	UL 1950, CSA 22.2 No. 950 & 234, TUV (EN60950), CE Mark & CB Report

MODEL	V1 OUTPUT				V2 OUTPUT				V3 OUTPUT			
	Vout	Io Min	Io Max	Io Peak	Vout	Io Min	Io Max	Io Peak	Vout	Io Min	Io Max	Io Peak
CCH75F1	12	0.60	6.25	8.00								
CCH74C3	+3.3	0.60	9.00	10.00	+5.1	0.40	N/S	3.50	+5	0.10	1.00	N/S
CCH74D3	+3.3	0.90	9.00	10.00	+5.1	0.20	N/S	2.00	+12	0.10	1.00	N/S
CCH74H3	+5.1	0.90	9.00	10.00	+3.3	0.20	N/S	3.50	+12	0.10	1.00	N/S
CCH75K3	+5.1	0.90	9.00	10.00	+12	0.30	3.00	3.50	-12	0.10	1.00	1.50
CCH75Q3	+5.1	0.90	9.00	10.00	+15	0.30	3.00	3.50	-15	0.10	1.00	1.50

rev 091201

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