

CZ-350-N

LOW PROFILE, 1U HIGH -350 WATTS

ONE TO THREE OUTPUTS - POWER FACTOR CORRECTED

UNIVERSAL INPUT 90-264 VAC CERTIFIED FOR MEDICAL USE

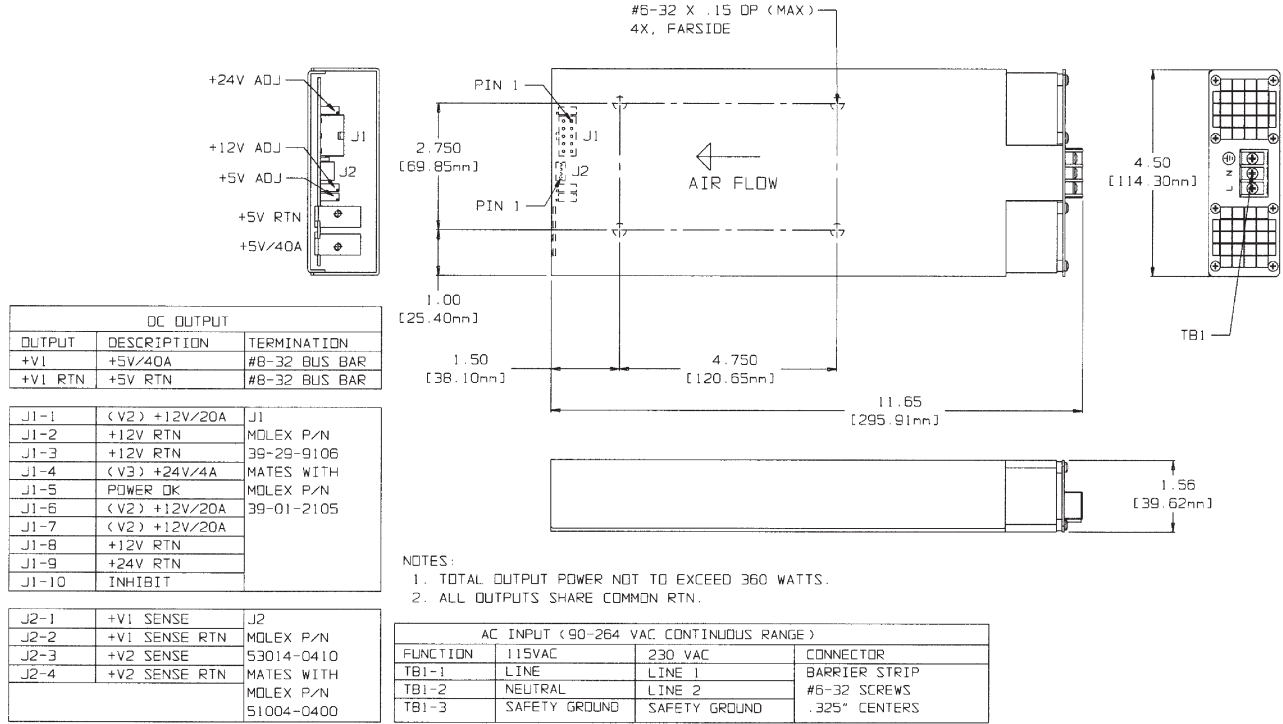


FEATURES:

- Low Profile Size 1.56" x 4.50" x 11.65"
- One to Three outputs
- Power Factor Corrected Input (90-264VAC)
- Remote Sense On V1, V2 Outputs
- Greater than 300,000 HRS MTBF
- CE Marked for LVD
- Class B EMI internal filter

	OUTPUT VOLTAGE (VDC)	OUTPUT AMPERS (MAX)	OUTPUT POWER (WATTS)
V1	+2 to 48	40	360
V2	+2 to 24	20	240
V3	+3.3 to 24	4	96

CZ-350-N SERIES 350 WATT COMPACT SIZE



Nominal Input Voltage 115-240 VAC.	Overvoltage Protection Shutdown at 130% of nominal Vout.
Frequency 47-63 Hz , 400Hz. available.	Overtemperature Protection Unit shuts down if overheated. AC must be recycled.
Operational Input Voltage Range 90-264 VAC Power Factor 0.99 Typical at Full Load. Meets EN 61000-3-2.	Cooling Supply equipped with integral fans.
Inrush Current Less than 4 msec. 15 amperes @ 115 VAC or 30 amperes @ 230 VAC.	Input/Output Isolation 4000 VAC (Pri-Sec components).
Brownout Protection: Holds Regulation to 85 Vac.	Leakage Current Less than 300µA at 264VAC input.
Fusing (Two) 6.3 Ampere, 250 VAC, Internal ceramic body fuses.	Remote Sense Up to 0.5 volts total in load. Open Sense Lead Protection
Hold up time 20msec minimum after loss of AC Input at full load and nominal input	Inhibit Open to Run, Contact closure to return , turns off all outputs.
Efficiency 70% typical	Power OK Normal logic "1" signal which goes low whenever any output fails. overtemp/overvoltage, or an AC input failure. (5msec warning before loss of output regulation)
Turn on time Less than 1 sec.	Operating Temperature -20°C to 70°C derate output power above 50°C at 2.5%/°C to 70°C.
Line and Load Regulation All outputs hold 1% over AC input range and 0 to 100% load.	Stability All outputs 0.1% for 8 hrs. after 30 minute warm-up.
Minimum load A 10% minimum load is required on the V1 output to provide full load regulation on the V2 & V3 outputs.	Humidity Up to 95% non-condensing.
Adjustability All outputs adjustable ± 5% minimum.	Size 1.56"x 4.5"x 11.65" Weight: 4.5 lbs.
Ripple & Noise 1% PARD or 100mv which ever is greater. 20MHz bandwidth.	EMI Meets FCC Class B and EN55022 Level B .
Transient Response Output maximum excursion of ± 5% for 50% load step. Recovery less than 500 µsec.	Safety UL 2601-1, EN 60601-1.
Short Circuit and Overload Protection All outputs are protected from short circuit and overload. Automatic recovery.	
Overshoot No turn-on or turn-off overshoot.	
Output Isolation Isolated from ground 50 Vdc.	
Reverse Voltage Protected against reverse voltage to supply current rating.	

SERIES BREAKDOWN: CZ-350(X)-N
where X = S for Single output, D for Dual output, T for Triple output.