

DPI 52L794J23 - 230VAC INPUT 4.5KVA OUTPUT DIP PROOFING INVERTER



AC INPUT	
Single Phase supply voltage	230Vac 50/60Hz
Maximum input voltage	+10%
Full load current	20A
STATIC SWITCH	
Nominal off-state voltage	230Vac RMS
Peak off-state voltage	800V
Nominal current(AV)	20A
Short time overload current(<100ms)	60A
Non-repetitive peak on-state current(10ms)	130A
INVERTER	
Nominal output voltage	230Vac RMS
Voltage fluctuations over full operating range	-15% to +10%
Nominal Load current	20A
Power factor range	cos Φ from 1 to 0
Wave shape	Stepped Square
Nominal inductive load	4.5KVA
Storage capacitors(rated 200Vdc)	0.03F
Usable stored energy factor (η)	0.47
Minimum up time as a function of the load	$t = (\eta * C_{cap} * V_{supply}) / (L_{load} * \cos\Phi)$
Transistor peak current-limit	50A
Output frequency	50/60Hz +/-1%
HBC fuse rating	32A
TIMER	
Range	0.1 to 3.1s
Setting	0.1s steps
Maximum recovery time of capacitors to 1,27Vin	<1.4 second
INDICATORS	
System OK	green LED
Inverter Running	red LED
TEMPERATURE	
Maximum ambient working temperature	45°C (113°F)
CUBICLE	
Construction	Extruded aluminum
Height(Dim. L3 on P16)	393mm (15.72in)
Width	311mm (12.24in)
Depth	162mm (6.38in)
Mass	10.20 kg (22.44 lbs)
CONNECTION	
Cable	5mm ² (10 AWG) copper panel wire
Screw-terminal torque	1.5 - 1.8 Nm (13.0-16.0 lb-in)
LISTINGS	
Underwriters Laboratories Inc.	UL listed, Control #37WJ/File #E205817

Warning:
Risk of electric shock! Dangerously high voltages can be present up to 20 minutes after DPI has been disconnected. NEVER attempt maintenance on the DPI during this period unless storage capacitors have been manually discharged.



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