

# Eurocard Switch Mode Power Supply

## 5V 12A Type 6008 224-4022

Input Voltage	187-264 VAC
Output Voltage	5 VDC Adjustable 4.5-5.5 VDC
Line Frequency	47-63Hz
Load Current	12A
Load Regulation	0.2% (0-100% Load)
Line Regulation	0.1% for all Output Voltages
Ripple	<40mV p-p
Efficiency (at 100% Load)	79%
Switch Frequency	100kHz
Overshoot	<150mV
Undershoot	<150mV
Regulation Time	0.5ms
Compensates for Load Cable Drop	Max 0.5V
Temperature Coefficient	+/-0.02%/Deg C
Temperature Range Operating With Derating Storage	0 to +50 Deg C +70 Deg C -25 to +85 Deg C
Derating	2W/Deg C over 50 Deg
Current Limiting At	110%
Overvoltage Protection at Output (OVP)	6.5V (Adjustable from Front 5.5-7V)
Input Surge Current Limitation	<30A
Hold Up Time	>20ms
Insulation	Class 1
Insulation Voltage	Prim - Sec 3750V, Prim - Earth 1500V, Sec-Earth 500V
Mains Connection	Plug-in Unit
Dimensions	H:3U P:8TE
Weight	0.55kg
EMC Standards - Emission - Immunity	EN 50081-1, VDE 0871B EN 50082-1