POWER CONTROL SYSTEMS
POWER SUPPLY UNITS

M428-R-X-N2

Industrial Application
Multi output euro-rack AC-DC power supply unit

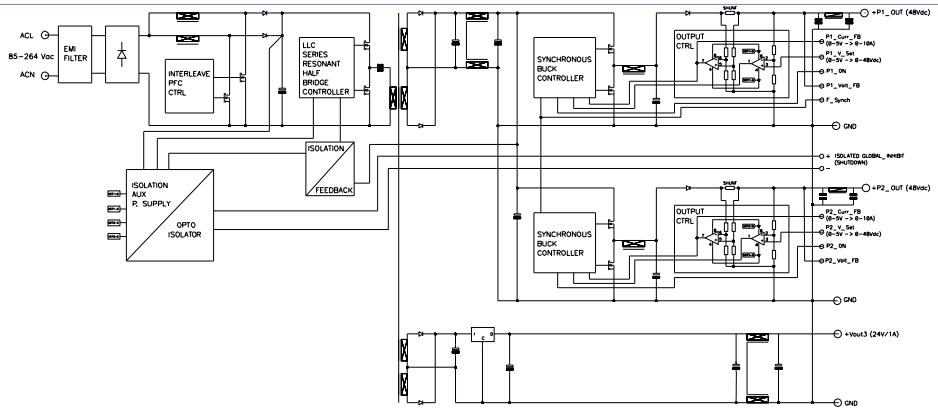
FEATURES

Input voltage
100 - 240 V
(85 ÷ 264 Vac)
Input frequency
47 / 63 Hz
Efficiency
82% at full load.
Switching operating frequency
60 KHz ca.
Input protections
• EMI filter
• Line fuse (5X20 T10A)
See table for
• Output voltages and currents
• Line and load regulation
• Output ripple and noise
Output protections
• Overcurrent protection
• Short circuit protection costant current
• Overvoltage protection at Vout+25% typ.
Hold up time
10msec min.
Output power
450 W
Operating temperature
15°C to 45°C
Storage temperature
5°C to 50°C
Cooling
External forced ventilation
Dielectric withstand voltage
• Input - Output = comply with EN 60950-1
• Input - P.E.: 1750Vac
Isolation
• Output - P.E.: 500Vdc
Comply with
• EN 61326-1
• EN 61000-3-2
• EN 61000-3-3
• EN 61000-6-2
• EN 61000-6-4
• EN 55011
• EN 60950-1
• IEC 60068-2-6
• IEC 60068-2-27
• EN 61000-4-2
• EN 61000-4-3
• EN 61000-4-4
• EN 61000-4-5
• EN 61000-4-6
• EN 61000-4-11
• EN 61010-1
Drift
500ppm/°C for current feedback signal.
50ppm/°C for output voltage regulation.

FEATURES TABLE

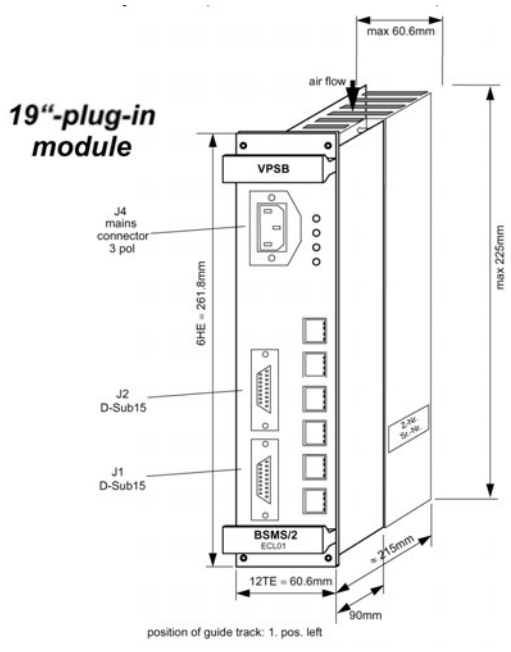
Vout	Vout Volts	Iout Ampere	Imin Ampere	Line regulation %	Load regulation %	Ripple & Noise mVpp
Vout1	0÷48	77	00	0.01	--	50
Vout2	0÷48	77	00	0.01	--	50
Vout3	24	11	00	11	22	240

BLOCK DIAGRAM



POWER SUPPLKY VIEW

DIMENSIONS



DIMENSIONS