

Order Number:

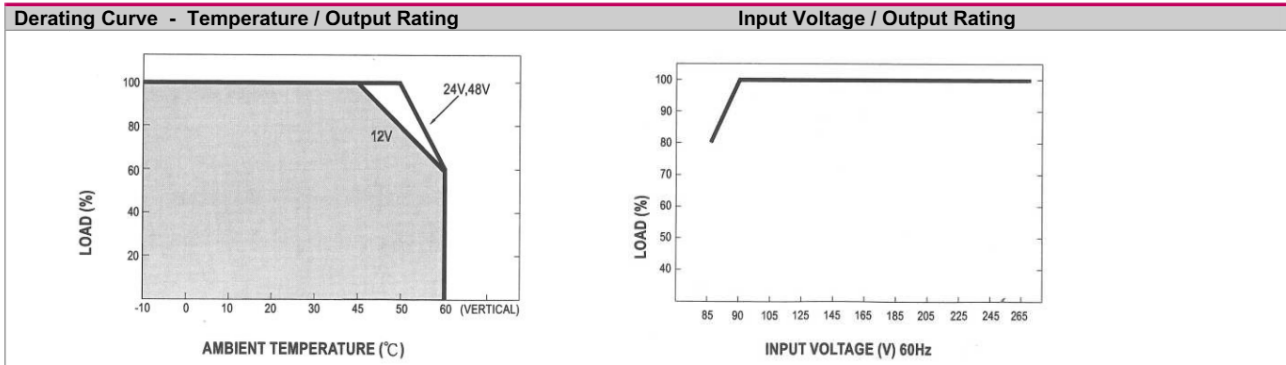
EPNW 2403



Description	
EPNW 2403	
Power Supply for DIN-Rail 24 V / 3,2 A with extendet range Input	
Characteristics	
High Cost-Effectiveness	
Extendet range Input	
Compact Dimension, low weight	
100% full load burn-in test	
High efficiency	
Integrated Inrush Current limitation	
Protections: Short circuit / Overload / Over voltage / Over temperature	
Output	
DC Voltage	24 V
Rated Current	3,2 A
Current Range	0 ~ 3,2 A
Rated Power	76,8 W
Terminal connections	-V = Output - Ground +V = Output + 24 VDC
Connection - square	max. 6 sqmm
Protection	Against short circuit is integrated Mode – Rated output power is 105 – 150 % max. rated current and output voltage decreases Recovers after normal load
Interference Voltage Ripple & Noise (max.)	150 mVp-p
Voltage ADJ. Range	24 ~ 28 V (Voltage adjustment v. picture)
Voltage Tolerance	+/- 1% max.
Line Regulation	+/- 0,5% max.
Load Regulation	+/- 1% max.
Setup, Rise Time	1000 ms, 60 ms / 230 VAC 1800 ms, 60 ms / 115 VAC at full load
Hold up time (typ.)	60 ms / 230 VAC 12 ms / 115 VAC at full load
Input	
Voltage Range	85 ~ 264 VAC, 120 ~ 370 VDC (see Derating curve)
Terminal connections	⬇ = Protected earth N = neutral L = line
Terminals	max. 6 sqmm
Internal Fuse	Inside - Fuse 2,5 amps (recover only in factory) Must do – only wire-protection
Frequency Range	47 ~ 63 Hz
Efficiency (Typ.)	80 %
AC Current (Typ.)	1,6 A / 115 VAC 0,96 A / 230 VAC
Inrush Current (Cold Start))	20 A / 115 VAC 40 A / 230 VAC
Leakage Current	<1 mA / 240 VAC
Protection	
Overload	105 ~ 150% rated output power
Overvoltage	29 ~ 34 V Protection type: Shut down o/p voltage, re-power (off-on) to recover
Over Temperature	85 °C ±5 °C (TSW1) Detect on heat sink of power transistor Protection type: Shut down o/p voltage, recovers automatically after temperature goes down

Environment	
Working Temperature and Humidity	-10 ~ +60°C (see derating) 20 ~ 90% RH non-condensing
Storage Temperature, Humidity	-20 ~ +85°C, 10 ~ 95% RH non-condensing
Temperature Coefficient	+/- 0,03% / °C (0 ~ 50°C)
Vibration	10 ~ 500 Hz, 2G each axes, IEC 60068-2-6

Safety / EMC	
Safety Standards	UL508, EN60950-1
Withstand Voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC
EMI Conduction & Radiation	EN55011, EN55032 / B
Harmonic Current	EN61000-3-2, -3,
EMS Immunity	EN61000-4-2, 3, 4, 5, 6, 8, 11; ENV50204, EN55024, EN61000-6-2 (EN50082-2)



Dimension and Packing	
Dimension W x H x D in mm	55,5 x 125,2 x 100
Weight gr.	600