

EP-2000 DC DIN Waveform Corrector: Din Rail Applications



Finally the industry's most powerful filter is available for DC applications in a convenient din rail enclosure. The **EP20001L24V & EP20001L12V DIN** offers waveform correction technology for all 12V & 24V din rail applications. This provides filtration for DC powered din rail technologies such as motor controls, conveyor control applications and PLC's.

THE EP20001L24V & EP20001L12V DIN:

ABSORBS, DISSIPATES & REMOVES

- Transient voltage surges and spikes
- Frequency Noise Between 3kHz-1MHz
- Ring waves

DOES NOT SHUNT ENERGY TO GROUND.

The facility ground is not relied on for performance or survivability.

EP20001L24V & EP20001L12V DIN GENERAL SPECIFICATIONS

CIRCUIT DESCRIPTION	Internal Circuit Breaker	Spectrum Multiplier a	Voltage Limit Clamp (MOV) a	Low-Pass Filter a	Dissipative Absorber	(Parallel Operated)
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FREQUENCY ATTENUATION

-20 dB/decade roll-off starting at 2.5 kHz

MAX SURGE CURRENT

12.5 kA per mode

MCOV

20% above rated voltage

SAFETY APPROVALS

ELT Listed to UL 1449 3rd Edition

CSA Standards Class 9091 01 & 9091 81; CSA std. c22.2 No. 8-M1986

SAFETY RATINGS

Fire Rating 94V-0

OPERATING ENVIRONMENT

Approximately -25° C to 65° C

RESPONSE TIME

Primary Response Time: Instantaneous Key Event Time: Approx. 1 Nanosecond

COMPLIANCE

NEMA LS-1, NEC Surge Suppression Standards, Electrical Notice 516

CONNECTION

Screw Terminals; Max Wire Size 12 AWG

MATERIALS

LED Indicator Lamp

Circuit encapsulated in epoxy to retain integrity of circuitry in failure mode.

ACCESSORIES

Green LED indicates active phase

DIMENSIONS & WEIGHT

Length: 86 mm Width: 35 mm

