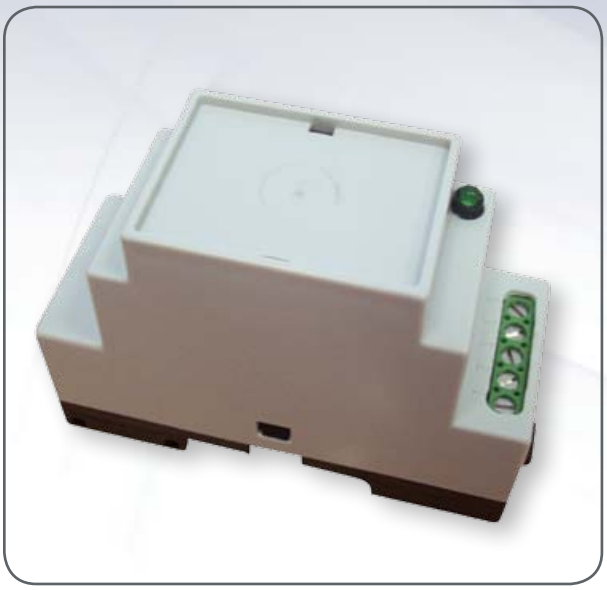
EP-2000 DIN Waveform Corrector: Din Rail Applications



Finally the industry's most powerful filter is available in a convenient din rail enclosure. The **EP-2000** DIN offers waveform correction technology for all din rail applications. This provides filtration, waveform correction for other din rail technologies such as motor controls, conveyor control applications and PLC's.

THE EP-2000 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.

EP-2000 DIN GENERAL SPECIFICATIONS

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

OPERATING FREQUENCY
45 - 65 Hz

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
UL 1449 3rd Edition TVSS Testing
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