



10 YEAR LIMITED WARRANTY

3800 Series – For Industrial & Commercial Environments

Power Quality Devices – Surge Protection Modules

SPECIFICATIONS & FEATURES 3800 SERIES

- MOV-based suppression circuitry provides optimum clamping.
- Provides Normal Mode protection for line-to-neutral, & common mode; line-to-ground, & neutral-to-ground
- Noise rejection @ 5kHz-5MHz: -35db
- Rated single-pulse transient energy (10x100µs, impulse): 280 Joules
- 3800-DIN, 3800-OWM: Terminal block accepts 22 AWG to 12 AWG conductors
- Consult factory on additional ratings on 3812, 3824, 3840 & 3848.

ENVIRONMENTAL

STORAGE TEMPERATURE
-20°C to 85°C

OPERATING TEMPERATURE
-10°C to 60°C

ELECTRICAL

3800: 120V AC (VRMS); 135V (MCOV)
3840: 240V AC (VRMS); 250V (MCOV)

STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A, B, & C
C-62.41 & C-62.45

UL1449
E146315 / DC-E175161

CSA
#LR-94773



3800-DIN



3800-OEM



3840-DIN

CLAMPING PERFORMANCE	3800	3840
UL Standard 1449 permanently-wired test (8x20µs, 3000A)	L-N: 500V Peak L-G: 500V Peak N-G: 500V Peak	L-N: 330V Peak L-G: 400V Peak N-G: 330V Peak

PERFORMANCE SPECIFICATION	3800	3840
Max. Single-Pulse Transient Current (8x20µs, Impulse)	L-N: 1300A L-G: 6500A N-G: 6500A	L-N: 1300A L-G: 6500A N-G: 6500A

DESCRIPTION	CATALOG NO.	RATING
3800 Series		
For DIN-Rail Mounting, w/ Terminal Block	3800-DIN	120V AC
Terminal Block	3800-WM	120V AC
Pigtail Wire Leads	3800-OEM	120V AC
For DIN-Rail Mounting, w/ Terminal Block; 12V DC	3812-DIN	12V DC
Terminal Block; 12V DC	3812-WM	12V DC
Pigtail Wire Leads, 6" long; 12V DC	3812-OEM	12V DC
For DIN-Rail Mounting, with Terminal Block; 24V DC	3824-DIN	24V DC
Terminal Block, 24V DC	3824-WM	24V DC
Pigtail Wire Leads, 6" long; 24V DC	3824-OEM	24V DC
For DIN-Rail Mounting, with Terminal Block; 240V AC	3840-DIN	240V AC
Terminal Block, 240 V AC	3840-WM	240V AC
Pigtail Wire Leads, 6" long; 240V AC	3840-OEM	240V AC
For DIN-Rail Mounting, with Terminal Block; 48V DC	3848-DIN	48V DC
Terminal Block, 48V DC	3848-WM	48V DC
Pigtail Wire Leads, 6" long; 40V DC Leads, 6" long; 240V AC	3848-OEM	48V DC

