

MPAF- Series



PEMCO



Features:

- Single Phase & 3 Phase
- Directly mount to panel
- Front Facing Design for easy of monitoring and installation
- UL 50 Type 4X
- Optionl flush mounting

Explanation

The MPAF is a Type 1 device UL® Listed to UL 1449 Edition 4 and cUL® Listed to CAN/CSA C233.1. This allows installations on the line or load side (Type 1 or Type 2) of the service panel in accordance with the NEC® 2014 or CAN/CSA C233.1 without the requirement for additional circuit breakers or fuses. The MPAF 120/240 Surge Protective Device (SPD) provides the industry's strongest level of surge protection in a very compact and easily installed hardwire unit.

The MPAF series is designed for primary protection at the service entrance. As the first in line protection device, the MPAF handles any incoming surges safely. Other applications include: branch panels, switches, equipment disconnects and generator transfer switches. The MPAF is used in OEM panels as well as solar combiner boxes. It fulfills the requirements for UL 96A lightning protection installations and light pole applications. The housing is constructed of UV-stabilized thermoplastic and meets the UL 50 Type 4x rating, making it ideal for both indoor and outdoor applications. All of the models have a 20kA nominal discharge current rating, the highest level recognized under the UL 1449 Edition 4 standard.

Technical Specifications

Nominal System Voltage	120/240V -- 120/208 -- 277/480 available
MCOV Rating	150/ 300VAC
Frequency	0-100Hz
Short Circuit Current Rating (SCCR)	200kA
Nominal Discharge Current (In)	20kA 8/20 µs
Voltage Protection Rating (VPR)	900V L-L/ 1,800V L-N
Protection Modes	L-N / L-L
Status indication	Blue LED
Technology	MOV with Thermal Disconnect
Enclosure Rating	UL® 94V-0 thermoplastic
Size	3" x 2.75" x 4.75"
Certification Detail	UL® 1449 Edition 4 Type 1/2, 20 kA Mode
Compliance Standards	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C
Certifications	UL 1449 Edition 4

Order information

MPAF 120-1P
MPAF 240-1P
MPAF 120/240-1P
MPAF 208-3P
MPAF 480-3P

