

MARS 60 Amp Non-Fused Disconnect with Internal Surge

MARS Disconnect with integrated surge protector provides a unitized design for quick and clean installation. The metal weather-resistant enclosure provides additional robustness and security. MARS Surge Protectors provide the performance necessary to protect critical components in high efficiency mini-split and unitary HVAC equipment.

Features:

- Side open disconnect
- Integrated internal surge protector
- Thermally Protected MOV's
- Metal-weather resistant enclosure
- External LED status indicator
- cULus rating
- \$7500 Connected equipment warranty
- 3 Year warranty

Specifications Disconnect:

- 60 Amp non-fused
- Single phase 240V
- 10,000 Amp rating
- NEMA 3R enclosure
- Weather proof enclosure

Surge Protector Ratings:

- Type 1 or 2 SPD
- UL 1449 4th Edition
- 120/240 Split phase 50-60Hz
- Nominal discharge (In): 10kA
- SCCR 22kA
- Max continuous overvoltage: (MCOV) L-N 150V / L-L 300V
- Voltage protection rating: (VPR) L-N 700V / L-L 1200V

Protects:

- Motors
- Compressors
- Control Boards
- Sensors
- Reversing valves



MARS NO.	DESCRIPTION	CASE QTY.
83915	60 amp non-fused, single phase w/surge protection	1

MARS HVAC Surge Protective Device

The MARS SPD is designed to protect your HVAC equipment from power spikes, surges and transients. Power spikes and surges can damage compressors, control boards, sensors and ECM motors resulting in costly repairs and down time. The MARS SPD utilizes Thermally Protected MOV technology to provide safe and reliable surge protection.

The MARS SPD is designed to protect HVAC equipment.

- Compressors
- Control Boards
- Heat Pumps
- Transformers
- Mini-Splits
- Sensors
- ECM Motors

Features:

- Easy installation to disconnect box or junction box
- Weatherproof 4X enclosure
- Fits 1/2" knockouts
- 18" leads for ease of installation
- Green & Red LED status indicators
- Thermally protected MOV
- 120/240V single (split) phase 50/60Hz
- Max surge current 10,000 A
- Max continuous overvoltage L-N 150V / L-L 300V
- Voltage protection rating L-N 800V / L-L 1200V
- 3 Year warranty
- \$7,500 Connected equipment warranty

120/240 VAC Single Split Phase SPD for use on a variety of HVAC Equipment

LED Protection Status Indicators

Meets all UL 1449 4th Edition Standards

18 in. 10 Gauge Leads

1/2 inch x 20 Threaded Nipple (weatherproof and UV resistant)

Unmatched Surge Protection Ratings Type 4x Weatherproof Enclosure

MARS Surge Protective devices utilize Thermally Protective MOV surge technology

MARS NO.	VOLTAGE	WIRE CONFIGURATION	SPD TYPE	MCOV	ENCLOSURE	UL 1449 4TH EDITION
83905	120/240	L1,L2,L/N-G	1 or 2	150/300	Type 4X	cULus

MARS HVAC Surge Protective Device

The MARS 83904 SPD is designed specifically for 120V furnace and air handler applications. The furnace and air handler contain components that must be protected from surges such as, ECM motors, Control Boards, Transformers. The MARS Surge utilizes thermally protected MOV technology for safe and reliable protection of equipment. The 120V Surge Device is easy to install with only 2 wires to connect.

The MARS 120V SPD is designed to protect the following HVAC equipment and components:

- Furnace & Air Handlers
- ECM Motors
- Control Boards
- Transformers
- Relays
- Sensors

Features:

- Easy 2 wire installation
- Fits 1/2" Knockout
- Green LED Status Indicator
- Thermally Protected MOV
- 120V Single phase 50/60Hz
- SCCR 10kA
- MCOV L-N 150V
- Voltage Protection Rating L-N 700V
- UL 1449 4th Edition
- Type 1 or 2 SPD

120 VAC Single Split Phase SPD

LED Protection Status Indicator

Meets all UL 1449 4th Edition Standards

Unmatched Surge Protection Ratings

8 in. 12 Gauge Leads

1/2 inch x 20 Threaded Nipple (weatherproof and UV resistant)

MARS Surge Protective devices utilize Thermally Protective MOV surge technology

MARS NO.	VOLTAGE	WIRE CONFIGURATION	SPD TYPE	MCOV	ENCLOSURE	UL 1449 4TH EDITION
83904	120	L1,L2,L/N-G	1 or 2	150	Type 2	cULus