MARS Surge Protection Device

MARS Side Open Disconnect Boxes with Internal Surge

· Single phase 240V

10,000 Amp rating

· Available in fused

and non-fused

NEMA 3R enclosure

MARS Disconnect with integrated surge protector provides a unitized design for quick and clean installation. The metal weatherresistant 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:

83914

- · Side open disconnect
- Integrated internal surge protector
- Thermally Protected MOV's
- Metal-weather resistant enclosure
- External Green & Red LED Status Indicators
- cULus rating
- 3 Year Warranty
- \$7,500 Connected Equipment Warranty

Surge Protector Ratings:

- **Specifications Disconnect:** • 120/240V Single (Split) Phase 50/60Hz
 - Short Circuit Current Rating o 22,000 Amps Weather proof enclosure
 - MCOV L-N 150V / L-L 330V Voltage Protection Rating
 - o L-N 800V / L-L 1200V
 - UL 1449 4th Edition
 - Type 1 or 2 Surge Protection Rating

Protects:

- Compressors
- Heat Pumps Ideal for
- **Ductless System**
- Inverter Boards FCM Motors
- Control Boards
- Transformers
- Relays
- Sensors

MARS NO.	DESCRIPTION	VOLTAGE	WIRE CONFIGURATION	SPD TYPE	MCOV	ENCLOSURE	UL 1449 4TH EDITION
83915	60 Amp Non-Fused	120/240	L1,L2,L/N-G	1 or 2	150/300	NEMA 3R, Rainproof	cULus
83916	30 Amp Fused	120/240V	L1,L2,L/N-G	1 or 2	150/300	NEMA 3R, Rainproof	cULus
83917	60 Amp Fused	120/240V	L1,L2,L/N-G	1 or 2	150/300	NEMA 3R, Rainproof	cULus
MARS			DESCRIF	PTION			

120/240 VAC Single Split Phase

Meets all UL 1449 4th

Edition Standards

SPD for use on a variety

of HVAC Equipment

Replacement Surge Module

LED Protection

Status Indicators

TION

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.

Protects:

- ECM Motors Compressors Control Boards Heat Pumps Transformers
- . Ideal for
 - Ductless Systems · Relays
- · Inverter Boards Sensors

Features:

- Easy Installation to Disconnect
- Weatherproof 4X Enclosure
- 18" Pre-stripped Leads
- Green & Red LED Status Indica
- Thermally Protected MOVs
- 120/240V Single (Split) Phase
- 50/60Hz Short Circuit Current Rating o 22,000 Amps
- MCOV L-N 150V / L-L 330V
- Voltage Protection Rating L-N 800V / L-L 1200V
- UL 1449 4th Edition
- Type 1 or 2 Surge Protection Ra
- 3 Year Warranty

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\$7.500 Connected F inment Warrant

	18 in.	SURGE PROTECTIVE DEVICE ANBILL 1449 48: EDITION The ALENCLOSURE
ators	10 Gauge Leads	New 83905 GREEN INFOLGATOR: OR: UNIT OPPARTING CORRECTLY RED INFOLGATOR: OR: REDUCTION REPORTS, DISTORMENT, STATUS INFOLGATOR:
ating	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

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IARS NO.	VOLTAGE	WIRE CONFIGURATION	SPD TYPE	MCOV	ENCLOSURE	UL 1449 4TH EDITIO
3905	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.

Protects:

- . Ideal for 120V Ductless Systems
- Furnace & Air Handlers
- Inverter Boards
- ECM Motors
- **Control Boards**
- Transformers
- Relavs
- . Sensors

Features:

- Easy 2 Wire Installation
- 10" Pre-stripped Leads
- Green LED Status Indicator
- Thermally Protected MOVs .
- 120V Single Phase 50/60Hz Short Circuit Current Rating
- o 10,000 Amps MCOV L-N 150V
- Voltage Protection Rating
- 0 I -N 700V
- UL 1449 4th Edition
- Type 1 or 2 Surge Protection Rating
- 3 Year Warranty
- \$7,500 Connected Equipment Warranty

120 VAC Single Split Phase SPD

83914

83915



ED Protection Status Indicator



8 in.

12 Gauge

Leads



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

WARNING: Cancer and Reproductive Harm www.P65Warnings.ca.gov

Toll Free (800) 445-4155 • Fax (631) 348-7160 www.marsdelivers.com



OMPONENT