

# OVR NE12 Enclosed SPD

## OVRNE12160480D

### UL 1449 3rd Edition



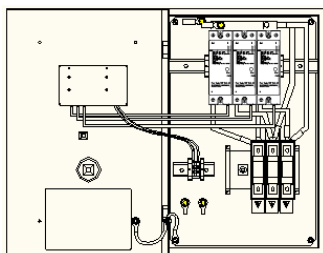
#### Surge Protective Devices

#### Technical Characteristics

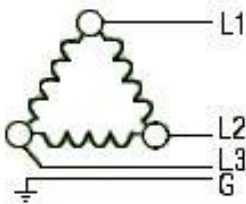
Service voltage		480V Delta
Application		Service entrance
Phases		3
Mode of protection		L-L / L-N / L-G / N-G
Surge capacity/phase ( $I_{max}$ )	kA	160
Maximum Continuous Operating Voltage (MCOV)	V	550
Voltage Protection Rating (VPR - UL 3rd Ed.)		
L-N	V	/
L-L	V	1800
L-G	V	1800
N-G	V	/
Nominal discharge current ( $I_n$ )	kA	10
Short circuit current rating (SCCR)	kA	200
AC power frequency	Hz	50-60
Thermal fuse		Type J 100A
EMI/RFI filtering	dB	-30

#### Mechanical Characteristics

Connection terminals	Inches	1/4 - 5/16 - 3/8 - 1/2
Terminal torque	Nm	6 - 75
Auxiliary contact connection terminals	AWG	22 - 12
Auxiliary contact terminal torque	Nm	1
Front display		Yes
LED indicators		Yes
Audible alarm		Yes
Auxiliary contact		Yes
Surge counter		No
Enclosure material		Painted steel
Enclosure rating		NEMA 12
Dimensions H x W x D (approx.)	Inches	24" x 16" x 8"
Weight (approx.)	lbs	40



Internal layout



Service voltage configuration

#### Miscellaneous Characteristics

Stocking temperature		32°F (0°C) to 104°F (40°C)
Operating temperature		32°F (0°C) to 104°F (40°C)
Maximum altitude		6600 feet (2000 m)
Fire resistance according to UL 94		V0
Approvals		ANSI/UL 1449 3rd Ed. Meets IEEE requirements

#### Replacement MOV Block

OVR1N160480PS (power supply)  
OVR1N160480

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