

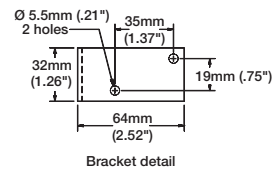
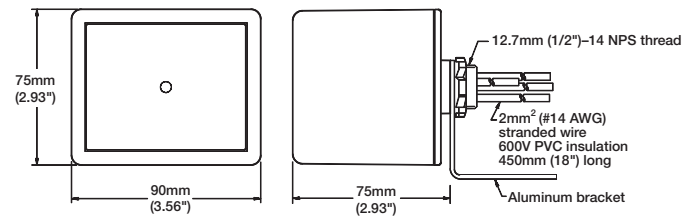
OVRHS3

Surge protective devices

Medium duty for residential or industrial applications

Product features

- Listed to UL 1449 4th Edition for Type 1 and Type 2 SPD applications.
- Individual fusing for each Metal Oxide Varistors (MOVs).
- LED indicates proper functioning of L-N and N-G MOVs



Product specifications

Available configurations

Model number/ Product ID	kA per phase	Voltage	Configuration
Type 1			
OVRHS3401201P 2CJB404120P0000	40kA	120V	1-phase, 2-wire + ground
OVRHS3401202S 2CJB404120S0000	40kA	120/240V	2-phase, 3-wire + ground
OVRHS3401203Y 2CJB404120Y0000	40kA	120/208V	3-phase Wye, 4-wire + ground
Type 2			
OVRHS3402301P 2CJB404230P0000	40kA	230V	1-phase, 2-wire + ground
OVRHS3404801P 2CJB404480P0000	40kA	480V	1-phase, 2-wire + ground
OVRHS3402773Y 2CJB404277Y0000	40kA	277/480V	3-phase Wye, 4-wire + ground
OVRHS3402303Y 2CJB404230Y0000	40kA	230/400V	3-phase Wye, 4-wire + ground
OVRHS3401203H 2CJB404120H0000	40kA	120/240V	3-phase High-Leg, 4-wire + ground
OVRHS3404803D 2CJB404480D0000	40kA	480V	3-phase Delta, 3-wire + ground
OVRHS3402403D 2CJB404240D0000	40kA	240V	3-phase Delta, 3-wire + ground
Available option		Model	Product
Add applicable suffix to end of numbers		number	ID
Mounting bracket		6	6
Warranty			
1-year			

Electrical

Nominal discharge current rating (I-n)	20kA
Operating frequency	47–63Hz
Connection methods	Parallel to load (shunt) 2mm ² (#14 AWG) wires
Modes of protection	Model dependent
Fault rating (SCCR)	100kAIC
Response time	Less than 1 nanosecond (one per phase)
Standard monitoring	LED status indicator lights

Mechanical

Weight	.9 kg (2 lbs.)
Enclosure type	NEMA 1, non-metallic
Installation location	Indoor
Mounting method	12.7mm (1/2")–14 NPT thread (Aluminum bracket optional)
Operating environment	-40° to +80°C (-40° to +176°F)
Altitude	Up to 5000 m (16,400 ft.)
Product design	Individually fused MOVs

Regulatory

UL 1449 4th edition type	Type 1 and Type 2
UL 1283	No
IEEE C62.41.1, .2, C62.45	Yes
Listed by	UL



Performance data

Type 1 model number	Protection modes	MCOV	UL 1449 4th edition 6kV 3000A VPR
OVRHS3401201P	L-N	150	700
	L-G	300	1200
	N-G	0	700
OVRHS3401202S	L-N	150	700
	L-G	300	1200
	N-G	0	700
	L-L	300	1200
OVRHS3401203Y	L-N	150	700
	L-G	300	1200
	N-G	0	700
	L-L	300	1200
Type 2 model number	Protection modes	MCOV	UL 1449 4th edition 6kV 3000A VPR
OVRHS3402301P	L-N	320	1200
	L-G	640	2500
	N-G	0	1200
OVRHS3404801P	L-L	600	2500
OVRHS3402773Y	L-N	320	1200
	L-G	640	2000
	N-G	0	1200
	L-L	640	2500
OVRHS3402303Y	L-N	320	1200
	L-G	640	2000
	N-G	0	1200
	L-L	640	2500
OVRHS3401203H	L-N	150 (470)	700 (1800)
	L-G	300 (470)	1200 (1800)
	N-G	0	700
	L-L	300 (470)	120 (1500)
OVRHS3404803D	L-G	640	2000
	L-L	640	2500
OVRHS3402403D	L-G	300	1200
	L-L	300	1200

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