


SOLUTIONS BY



MISSION CRITICAL FACILITIES
DESIGN AND CONSTRUCTION

Covis Sdn Bhd

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• 1 Year Warranty •



Transients Voltage Surge Suppression(TVSS) High Surge Suppressor Series (HSS Series)

Features

- Capable to handle the high impulse
- Surge Current Capacity: 100,000 to 400,000 Amps per phase
- Replaceable modules ensures protected mode flexibility
- Status Indication: Audible Alarm, Form C Contact, Internal and External
- Unique MOV/ Silver Link Fuse Array
- Optional equipment includes rotary disconnect, surge counter, NEMA 3R, 4 or 4X enclosure
- Robust design & Modular Surge Protective Device (SPD)
- Comes with one year warranty include labour and parts



General Technical Specification

• Operating Voltage Range	+/-15%
• Fault Current Rating (AIC)	200kAIC
• Operating Frequency Range	47-63 Hz
• 50 Ω EMI/RFI Attenuation	50dB
• Response Time	<0.5 ns
• Operating Temperature	-40°C to +45°C
• Operating Humidity	0% to 95%
• Certification	UL 1449,1283, CUL, CE

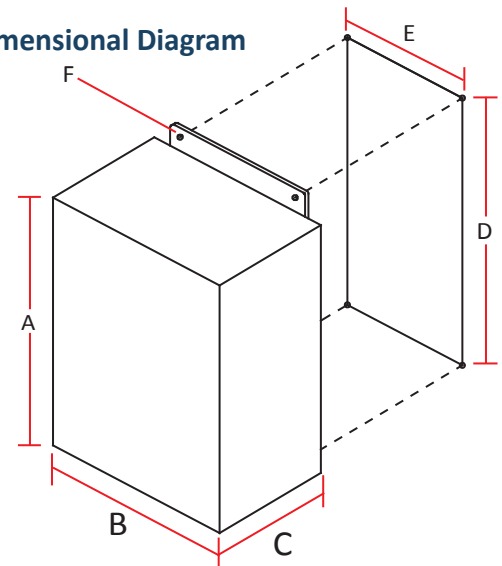
Performance Technical Specifications

Clamping	
UL 1449 Classification	
120/208	
Line to Neutral	400 Volts
Line to Line	800 Volts
Line to Ground	400 Volts
Neutral to Ground	400 Volts
277/480	
Line to Neutral	800 Volts
Line to Line	1500 Volts
Line to Ground	800 Volts
Neutral to Ground	800 Volts
480	
Line to Line	1500 Volts
Line to Ground	1500 Volts

*UL Classification for other voltages available upon request

Peak Surge Current Capability (8 x 20 μS)	
Model: HSS400	
Phase:	400,000Amps
L-N	200,000Amps
L-L	200,000Amps
L-G	200,000Amps
N-G	200,000Amps
Model: HSS200	
Phase:	200,000Amps
L-N	100,000Amps
L-L	100,000Amps
L-G	100,000Amps
N-G	100,000Amps
Model: HSS200-2	
Phase:	200,000Amps
L-N	200,000Amps
L-L	200,000Amps
N-G	200,000Amps
Model: HSS100-2	
Phase:	100,000Amps
L-N	100,000Amps
L-L	100,000Amps
N-G	100,000Amps

Dimensional Diagram



Model	A	B	C	D	E	F
HSS-Y400	16	14	8	16.75	12	0.31
HSS-D400	16	14	8	16.75	12	0.31
HSS-Y200-2	16	14	8	16.75	12	0.31
HSS-D200-2	16	14	8	16.75	12	0.31
HSS-Y200-2	16	14	8	16.75	12	0.31
HSS-D200	16	14	8	16.75	12	0.31
HSS-100-2	16	14	8	16.75	12	0.31
HSS-D100-2	16	14	8	16.75	12	0.31

*Specification subjects to change without prior notice