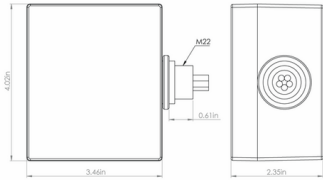
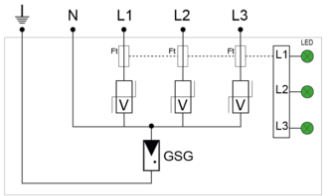




- ↳ Hard-wired AC surge protector
- ↳ For 120V network up to 3-phase+N
- ↳ I_n : 20 kA
- ↳ I_{max} : 50 kA
- ↳ No leakage current
- ↳ LED visual indicator + audible alarm
- ↳ UL1449 ed.5 compliant



	Electrical Characteristics																																																	
	<table border="1"> <tr> <td>SPD type</td> <td></td> <td>2</td> </tr> <tr> <td>Network</td> <td></td> <td>120/208 V 3-phase</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un</td> <td>120 Vac</td> </tr> <tr> <td>Max. AC operating voltage</td> <td>Uc</td> <td>150 Vac</td> </tr> <tr> <td>Max. AC operating voltage</td> <td>Uc</td> <td>150 Vac</td> </tr> <tr> <td>Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection</td> <td>UT</td> <td>180 Vac withstand</td> </tr> <tr> <td>Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection</td> <td>UT</td> <td>230 Vac disconnection</td> </tr> <tr> <td>Follow current</td> <td>If</td> <td>None</td> </tr> <tr> <td>Nominal discharge current 15 x 8/20 μs impulses</td> <td>I_n</td> <td>20 kA</td> </tr> <tr> <td>Max. discharge current max. withstand @ 8/20 μs by pole</td> <td>I_{max}</td> <td>50 kA</td> </tr> <tr> <td>Total Maximum discharge current max. total withstand @ 8/20 μs</td> <td>I_{max} Total</td> <td>50 kA</td> </tr> <tr> <td>Protection level @ In (8/20μs)</td> <td>Up</td> <td>1200 V</td> </tr> <tr> <td>Protection level L/N @ In (8/20μs)</td> <td>Up L/N</td> <td>1200 V</td> </tr> <tr> <td>Protection level L/PE @ In (8/20μs)</td> <td>Up L/PE</td> <td>1200 V</td> </tr> <tr> <td>Residual Voltage at 3 kA @ 8/20μs</td> <td>Up-3kA</td> <td>700 Vac</td> </tr> <tr> <td>Admissible short-circuit current</td> <td>Iscrr</td> <td>100 000 A</td> </tr> </table>		SPD type		2	Network		120/208 V 3-phase	Nominal line voltage	Un	120 Vac	Max. AC operating voltage	Uc	150 Vac	Max. AC operating voltage	Uc	150 Vac	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	180 Vac withstand	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	230 Vac disconnection	Follow current	If	None	Nominal discharge current 15 x 8/20 μ s impulses	I_n	20 kA	Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max}	50 kA	Total Maximum discharge current max. total withstand @ 8/20 μ s	I_{max} Total	50 kA	Protection level @ In (8/20 μ s)	Up	1200 V	Protection level L/N @ In (8/20 μ s)	Up L/N	1200 V	Protection level L/PE @ In (8/20 μ s)	Up L/PE	1200 V	Residual Voltage at 3 kA @ 8/20 μ s	Up-3kA	700 Vac	Admissible short-circuit current	Iscrr	100 000 A
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Mechanical Characteristics																																																		
SPD configuration		3-phase																																																
Connection to Network		By wire 15 AWG (1.5mm ²). long. 600mm																																																
Mounting		Bulkhead (3/4")																																																
Housing material		Stainless steel																																																
Operating temperature		Tu -40/+85°C																																																
Protection rating		IP66																																																
Disconnection indicator		LED OFF + audible alarm																																																
Dimensions		See diagram																																																
Weight		1.086 kg																																																
Disconnectors																																																		
Thermal disconnector		Internal																																																
Installation ground fault breaker		Type 'S' or delayed																																																
Back-up protection device		40 A																																																
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Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5																																																
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750101																																																		