

SPECIFICATIONS

Surge Protection Solutions
Strikesorb® 40 Module Series

Strikesorb®

**Strikesorb 40-V1 • Strikesorb 40-A • Strikesorb 40-B • Strikesorb 40-C
 Strikesorb 40-D • Strikesorb 40-E • Strikesorb 40-F • Strikesorb 40-G**

Electrical	Strikesorb 40-V1	Strikesorb 40-A	Strikesorb 40-B	Strikesorb 40-C	Strikesorb 40-D	Strikesorb 40-E	Strikesorb 40-F	Strikesorb 40-G
Surge Protective Device (SPD) Type per UL 1449 4 th Edition	Type 2 Component Assembly	Type 2 Component Assembly	Type 2 Component Assembly	Type 2 Component Assembly	Type 2 Component Assembly	Type 2 Component Assembly	Type 2 Component Assembly	Type 2 Component Assembly
Surge Protective Device (SPD) Class per IEC 61643-11	Class I	Class I	Class I	Class I	Class I	Class I	Class I	Class I
Nominal Operating AC Voltage [U _n]	60V	120V	240V	277V	480V**	480V	600V	1000V
Maximum Continuous Operating AC Voltage [U _c]	75V	150V	300V	350V	550V***	600V	750V*	1200V
Temporary AC Overvoltage Withstand [U _T] for 5s per IEC 61643-11	114V	229V	442V	528V	762V	918V	1143V	1905V
Response Time [t _A]	<1 ns	<1 ns	<1 ns	<1 ns	<1 ns	<1 ns	<1 ns	<1 ns
Nominal Discharge Current [I _n] per UL 1449 4 th Edition	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs
Impulse Discharge Current [I _{imp}] per IEC 61643-11	12.5 kA 10/350 μs	12.5 kA 10/350 μs	12.5 kA 10/350 μs	12.5 kA 10/350 μs	12.5 kA 10/350 μs	12.5 kA 10/350 μs	12.5 kA 10/350 μs	12.5 kA 10/350 μs
Maximum Surge Current Capacity [I _{max}]	140 kA 8/20 μs	140 kA 8/20 μs	140 kA 8/20 μs	140 kA 8/20 μs	140 kA 8/20 μs	140 kA 8/20 μs	140 kA 8/20 μs	140 kA 8/20 μs
Voltage Protection Rating (VPR) per UL 1449 4 th Edition	400V	600V	1200V	1200V	1500V	2000V	2500V	4000V
Voltage Protection Level [U _p] per IEC 61643-11	300V	600V	1200V	1300V	1800V	2300V	2800V	4400V
Operating Frequency Range	0...500Hz	0...500Hz	0...500Hz	0...500Hz	0...500Hz	0...500Hz	0...500Hz	0...500Hz
Long Duration Surge Performance 500A square waveform 2msec	250 hits	250 hits	250 hits	250 hits	250 hits	250 hits	250 hits	250 hits
Mechanical								
Environmental Ingress Protection (IP) Rating	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
Operating Temperature (°C)	-40 °C to +100 °C	-40 °C to +100 °C	-40 °C to +100 °C	-40 °C to +100 °C	-40 °C to +100 °C	-40 °C to +100 °C	-40 °C to +100 °C	-40 °C to +100 °C
Dimensions	Diameter	2.5" [63.5 mm]	2.5" [63.5 mm]	2.5" [63.5 mm]	2.5" [63.5 mm]	2.5" [63.5 mm]	2.5" [63.5 mm]	2.76" [70.0 mm]
	Height	3.73" [94.6 mm]	3.73" [94.6 mm]	3.73" [94.6 mm]	3.73" [94.6 mm]	3.73" [94.6 mm]	3.91" [99.4 mm]	4.24" [107.8 mm]
Weight	1.32 lbs [600 g]	1.33 lbs [604 g]	1.35 lbs [612 g]	1.35 lbs [614 g]	1.36 lbs [615 g]	1.36 lbs [615 g]	1.46 lbs [660 g]	1.76 lbs [800 g]

Standards Compliance & Certifications

Standards UL 1449 4th Edition, IEC 61643-11, EN 61643-11, IEEE C62.11, IEEE C62.41.2, IEEE C62.45

Certifications UL, VDE, CE

* 690V per IEC 61643-11

** 400V per IEC 61643-11

***480V per IEC 61643-11



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