

SPECIFICATIONS

Surge Protection Solutions
Strikesorb® 30 Module Series

Strikesorb®

Strikesorb 30-V1 • Strikesorb 30-A • Strikesorb 30-B • Strikesorb 30-C • Strikesorb 30-D
 Strikesorb 30-V1-M • Strikesorb 30-A-M • Strikesorb 30-B-M • Strikesorb 30-C-M • Strikesorb 30-D-M

Electrical

Strikesorb 30 Imperial Models* Strikesorb 30 Metric Models**	Strikesorb 30-V1 Strikesorb 30-V1-M	Strikesorb 30-A Strikesorb 30-A-M	Strikesorb 30-B Strikesorb 30-B-M	Strikesorb 30-C Strikesorb 30-C-M	Strikesorb 30-D Strikesorb 30-D-M
Surge Protective Device (SPD) Type per UL 1449 3 rd Edition	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 II	Class II	Class II	Class II	Class II
Nominal Operating AC Voltage [U _n]	60V	120V	240V	277V	400V
Maximum Continuous Operating AC Voltage [U _c]	75V	150V	275V	350V	480V
Temporary AC Overvoltage Withstand [U _t] for 5s per IEC 61643-11	114V	229V	442V	528V	762V
Response Time [t _A]	<1 ns	<1 ns	<1 ns	<1 ns	<1 ns
Nominal Discharge Current [I _n] per UL 1449 3 rd 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
Maximum Discharge Current [I _{max}] per IEC 61643-11	40 kA 8/20 μs	50 kA 8/20 μs	50 kA 8/20 μs	50 kA 8/20 μs	50 kA 8/20 μs
Maximum Surge Current Capacity [I _{max}] per NEMA LS-1	60 kA 8/20 μs	60 kA 8/20 μs	60 kA 8/20 μs	60 kA 8/20 μs	60 kA 8/20 μs
Voltage Protection Rating (VPR) per UL 1449 3 rd Edition	400V	700V	1200V	1500V	1800V
Voltage Protection Level [U _p] per IEC 61643-11	400V	700V	1200V	1600V	2200V
Residual Voltage at 10 kA (8/20 μs)	330V	585V	1070V	1395V	1825V
Operating Frequency Range	0...500Hz	0...500Hz	0...500Hz	0...500Hz	0...500Hz

Mechanical

Environmental Ingress Protection (IP) Rating	IP65	IP65	IP65	IP65	IP65
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
Dimensions	Diameter	1.69" [43.0 mm]	1.69" [43.0 mm]	1.69" [43.0 mm]	1.69" [43.0 mm]
	Height	1.98" [50.3 mm]	1.98" [50.3 mm]	1.98" [50.3 mm]	2.09" [53.2 mm]
Weight	.352 lb [160 g]	.352 lb [160 g]	.352 lb [160 g]	.352 lb [160 g]	.374 lb [170 g]

Standards Compliance & Certifications

Standards	UL 1449 3 rd Edition: 2011, IEC 61643-11: 2011, EN 61643-11:2012, IEEE C62.11: 2005, IEEE C62.41: 2002, IEEE C62.45: 2002, NEMA LS-1
Certifications	UL, VDE, CE

*Strikesorb Imperial Model Thread: 5/16"--18 Whitworth
 **Strikesorb Metric Model Thread: M8



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