

ICM517A-LITE, ICM517A & ICM518 Surge Protection Comparison

Protects valuable equipment from transient surges caused by: lightning strikes, power outages & recoveries, downed power lines, startup of larger equipment, poor wiring, equipment failure, short circuits and more...

ICM517A-LITE FEATURES	ICM517A-LITE	ICM517A	ICM518	83905	RSH-50	DTK-120/240HW	AG3000	SP1-240S
<ul style="list-style-type: none"> Easy installation Low cost, high performance Ultrasonically welded enclosure for indoor/outdoor installation Enclosure provides better ventilation NEMA Type 4X waterproof enclosure Heavy duty powder coated finish resists rust, corrosion & UV damage (ICM517A) Bulk pack option available (ICM517A-Lite) 								
Feature	ICM517A-LITE	ICM517A	ICM518	MARS	RectorSeal	Ditek	Intermatic	Eaton
Maximum Surge Current	60 kA	100 kA	100 kA	20 kA	50 kA	100 kA	50 kA	50 kA
Nominal Discharge (15 events)	5 kA	5 kA	20 kA	10 kA	10 kA	10 kA	20 kA	20 kA
Voltage Range	120-240 VAC	120-240 VAC	120-240 VAC	120-240 VAC	120-240 VAC	120-240 VAC	120-240 VAC	120-240 VAC
Voltage Protection Rating (VPR)	L-G = 600, L-L = 800	L-N = 600, L-G = 600, L-L = 900, N-G = 900	L-N = 700, L-L = 1200	L-G = 700, L-L = 1200	L-L = 1200, L-N = 700	L-G = 700, L-N = 700, N-G = 1500, L-L = 1500	L-N/G = 700, L-L = 1200	L-L = 1000, L-N = 600
MCOV	L-G= 130, L-L = 260	L-N = 130, L-G = 130 L-L = 260, N-G=260	L-N = 150, L-L=300	L-G=150, L-L=300	L-L= 300, L-G = 150	L-G= 150, L-N = 150 N-G = 320, L-L = 320	L-N = 150, L-L=300	L-L = 300, L-N=150
Modes of Protection	2	4	2	2	2	4	2	2
TMOV Based	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UL Listed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Product Enclosure	NEMA 4X (Plastic Enclosure)	NEMA 4X (Metal Enclosure)	NEMA 4X (Plastic Enclosure)	NEMA 4X (Plastic Enclosure)	NEMA 4X (Plastic Enclosure)	NEMA 4X (Plastic Enclosure)	NEMA 4X (Plastic Enclosure)	NEMA 4X (Plastic Enclosure)
Product Warranty	3 Years	3 Years	3 Years	3 Years	5 Years	10 Years	3 Years	2 Years
Connected Equipment Warranty	\$25,000	\$25,000	\$10,000	\$7,500	\$5,000	\$7,500	\$7,500	N/A
Made in USA	Yes	Yes	Yes	No	No	Yes	No	No
Status LED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Flamability Rating	Yes UL 94 V-0	Non-Flammable Cast Aluminum	Yes UL 94 V-0	Unknown	Unknown	Unknown	Unknown	Unknown
Superior Technical Support from a Company Engineering Technician	Yes	Yes	Yes	Unknown	Yes	Unknown	Yes	Unknown