

LBK10 Competitive Comparison

Company	SUPCO®	Intermatic®	Intermatic®	ICM®	5-2-1®	
Model	LBK10	Defender	AG3000	ICM517	SPD150	NOTES
Surge component technology	TPMOV	TPMOV	TPMOV	MOV w/ Thermal Fuse	MOV w/ Thermal Fuse	TPMOV has proven to be superior technology
Disconnect equipment when self sacrifice?	YES	NO	NO	NO	NO	Prevents UNPROTECTED equipment situation
Detects overvoltage	YES	NO	NO	NO	NO	Avoids long duration overvoltage
Indication for overvoltage	YES	NO	NO	NO	NO	Contractor easy diagnosis
Detects undervoltage	YES	YES	NO	NO	NO	Low voltage condition can damage compressor
Indication for undervoltage	YES	YES	NO	NO	NO	Contractor easy diagnosis
Short cycle delay	YES	YES	NO	NO	NO	Prevents nuisance callbacks
Detects loss of neutral/ground	YES	NO	NO	NO	NO	A good ground is IMPERATIVE for surge protection
Indication for loss of neutral/ground	YES	NO	NO	NO	NO	Contractor easy diagnosis
3 minute delay for overvoltage, undervoltage or loss of neutral/ground	YES	N/A	N/A	N/A	N/A	Prevents nuisance callbacks
Normal discharge rating (In)	10 kA	10 kA	10 kA	5 kA	10 kA	
Clamping voltage	150 V	150 V	150 V	130 V	150 V	
UL listed	UL 1449 Ed. 4	UL 1449 Ed. 3	NO	UL 1449 Ed. 3	NO	
Product warranty	3 yrs	3 yrs	3 yrs	Lmted Lifetime	3 yrs	UL1449 Edition 4 is latest version
Connected equipment guarantee	3 yrs	3 yrs	3 yrs	3 yrs	3 yrs	