

MODE OF OVERHEATING/ DAMAGE	CLASSIFICATION			EVIDENCE NO.	EVIDENCE NO.	EVIDENCE NO.	EVIDENCE NO.	EVIDENCE NO.
	PRIM. CLASS.	SECOND. CLASS.	TERT. CLASS.	ITEM NAME	ITEM NAME	ITEM NAME	ITEM NAME	ITEM NAME
Poor and Overheating Connections	OPC							
High Resistance Faults	OPC							
Misdriven staple, Severed Wire	OPC							
Series Parting arc	OPC	SPA						

Overload, Open Neutral Condition, Voltage Surge or Triplen Harmonics	OEC							
Undersized Conductors	OEC							
Short circuit	OEC							

Parallel Parting arc and Ground Fault Parting Arc	OIB	CC	PPA					
Sparks	OIB	CC	SPK					
Leakage current	OIB	DIS	LC					
Arc tracking	OIB	DIS	AT					
High-Voltage Arcs and static electric discharge (includes Lightning)	OIB	DIS	ARC					
Semiconductor insulation breakdown	OIB	DIS	SEMI					

Overheating due to Induction	OI							
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ELECTRICAL ORIGIN/CAUSE INVENTORY	ITEM NAME	ITEM NAME	ITEM NAME	ITEM NAME	ITEM NAME
PERMANENT WIRING PROTECTION					
COMPONENT/ APPLIANCE PROTECTION					
PEOPLE PROTECTION					
ABUSE OBSERVED					
INSTALLATION PROBLEMS					
AMBIENT TEMPERATURE					
INSULATION (OR OTHER THERMAL FACTORS)					
CURRENT LEVEL (Amps)					
CONDUCTOR SIZE (AWG)					
POWER CONSUMPTION (Watts)					
EXTENSION CORDS USED					
FIRE MELTING (POST-IGNITION)					
ARCING THROUGH CHAR (POST-IGNITION)					
OPERATION PROBLEMS (PRE-FIRE)					
POTENTIAL ARSON DEVICES FOUND (TIMERS, ETC.)					