

Critical Components Table

	UL	IE C	Manufacturer	Model/Type	Technical Data, Ratings, etc.	UL CCN	Req. Marks	Other Marks	Standards
Adhesive					Securing _____ to _____	MAGW2	(UL)		
Appliance Inlet /Outlet					Rated ____ V, ____ A minimum	AXUT2 AXUT RTRT2 ZYZZ2	UL		UL 498 IEC 60309-1 IEC 60309-2 IEC 60320-1 IEC 60320-2-2
Appliance Inlet with Filter (wi/ Fuse Holder)					Rated ____ V, ____ A minimum	FOKY2 AXUT2 AYVZ2	UL		UL 1283 UL 498
Battery (Lithium)					Rated ____ V, rated ____ max charging current. Protected by ____ and ____ (or current limiting component R/C (NWGQ2) _____)	BBCV2	UL		UL 1642
Battery Pack (Lithium)					Rated ____ V, approximately ____ mAh Abusive Charge Current: ____ mA Abusive Charge Voltage: ____ V	BBFS(2)	UL		UL 2054
Battery (Standard) (Lead-Acid)					Rated ____ V, approximately ____ mAh	BAZR2			UL1989 UL2054
Battery Charger (Non-Medical)					Rated ____ V, ____ A	BBGQ2 BBML2 BBHZ	UL		
Bridge Rectifier					Rated ____ Vrms, ____ A	QQQX2	UL		UL 1557
Bushing						NZMT2	(UL)		
Cable Ties						ZODZ2	(UL)		UL 1565
Capacitor (X-Type, Y-Type) Y1 = Double Insulated					Rated ____ uF, ____ V	FOWX2	(UL)		UL 1414 IEC 60384-14
Capacitor (General)					Rated ____ uF, ____ V	CYWT2			
CD-ROM Drive					Rated ____ V, ____ A	NWGQ2			UL 60950 IEC 60950
Circuit Breaker (Supplementary protector)					Rated ____ V, ____ A	QVNU QVNU2	UL		UL 1077 IEC 60934
Circuit Breaker					Rated ____ V, ____ A	DIHS2 DKPU2 DKUY2	UL		
Computer (IT) Equipment And accessories					Rated ____ V, ____ A	NWGQ NWGQ2	(UL)		UL 60950 IEC 60950
Conductive Coating						QMRX2	UL		UL 746

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Conductive Coating						QMRX2	UL		UL 746
Conformal Coating						QMJU2			
Connector					Rated ____ V, ____ A	RTRT2 ECBT2 RFWV2	(UL)		
Contactors					Rated ____ V, ____ A	NRNT2	(UL)		
Crimp Connectors					Crimped on closed loop or spade connectors for securing under screw terminals or quick disconnect type connectors with positive detent	ZMVV2	(UL)		UL 486
DC-DC Converter					Rated ____ V, ____ A Provided with Triple insulated wire on input/output windings of torroid (UL 1446)	PIDF2 NWGQ2 QQHM2 QQGQ2	(UL)		UL/IEC 60601-1 UL/IEC 60950
Diode					Rated ____ V, ____ A	QQQX2	(UL)		UL 1557
Enclosure (Polymeric)					Overall ____ cm by ____ cm by ____ cm, ____ mm thick. Rated minimum V-____ flame rating.	QMFZ2	(UL)		UL 94
Enclosure (Material)					Overall ____ cm by ____ cm by ____ cm, ____ mm thick.				
Fan					Rated ____ V, ____ A, ____ CFM	GPWV2	UL		UL 507 IEC 60335 IEC 60950
Filter (EMI/RFI)					Rated ____ V, ____ A	FOKY FOKY2	UL, CENEL EC		UL 1283 IEC 60384-14
Foam						QMFZ2	(UL)		
Fuse					Rated ____ A, ____ V. Provided in Line and Neutral	JDYX JDYX2	UL, CENEL EC		UL 248 IEC 60127
Fuse holder					Rated ____ V, ____ A	IZLT2 JAMZ2	(UL)		UL 512 IEC 60127-6
Heater					Rated ____ V, ____ A	KSOT2	(UL)		
Heating Elements					Rated ____ V, ____ A	UBJY2	(UL)		
Insulator						QMFZ2	(UL)		

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Interconnect cable (External - ELV/SELV/TNV)						AVLV2	(UL)		UL 758
Interconnect cable (External – hazardous voltage)						AVLV2 ZJCZ	UL		UL 758 UL 62 IEC 60227 IEC 60245
Labels					Construction : (Adhesive, Base, Ink, Overlay material)	PGDQ2	UL		UL 969
Laser Module						NWGQ2	(UL)	FDA (CDRH)	UL 60950 IEC 60950 IEC 60825-1 IEC 60825-2 IEC 60601-2-22
LED					Colors _____ , Not LASER diode				IEC 60825-1 (LASER)
Monitor (LCD) (IT, Medical)					Rated ____ V, ____ A	NWGQ2 PIDF PIDF2	(UL)		UL 60950 UL 60601-1
Motor (Construction Only)						PRGY2	(UL)		UL 1004 IEC 60034
Motor (Impedance Protected)					Rated ____ V, ____ A	XEIT2	(UL)		UL 2111
Motor Start Capacitor					Rated ____ V, ____ uF	CYWT CYWT2	(UL)		
Optical isolator					Rated ____ kV dielectric minimum with at least ____ mm between pins on opposite sides of chip	FPQU2	UL		UL 1577 IEC 60747-5 VDE 884
Plugs & Socket-(Hospital Grade)						RTRT	UL		UL 498 IEC 60884 IEC 60309-1 IEC 60309-2
Power Supply (Internal) (Brick) (Direct Plug-in)					Rated: _____ V, _____ Hz, _____ A Output: _____ V, _____ A	QQHM2 PIDF PIDF2	UL		UL 60601-1 IEC/UL 60950 UL 1310
Power supply cords (US, Canada)						ELBZ	UL		UL 817
Power supply cords (International)							KAM (known agency mark)		IEC 60799 CENELEC HD-21
Power Supply Cord (Danish)					Plugs: DK 2-1a, DK 2-1a with flat phase pin or DK 2-5a.		KAM (known agency mark)		DK 2-1a or DK 2-5a
PTC Thermistor Device					Rated _____	XGPU2	(UL)		UL 1434
PWB						ZPMV2	UL		UL 796 IEC 60603-2

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Relay (control, manual, time delay)					Rated _____ V coil, _____ V, _____ A, (_____ HP) contact	NLDX2 NRNT2 NLRV2 NKCR2	(UL)		UL 508 IEC 60255 IEC 60730-2-10 IEC 60947 IEC 61810 IEC 61811 IEC 61812
Relay (solid state)					Rated _____ V activation, _____ V, _____ A, (_____ HP) contact	NMFT2 FPQU2	(UL)		UL 1577 IEC 60747-5
Relay Socket					Rated _____ V, _____ A	SWIV2	(UL)		
Resistor					Rated _____ Watts, _____ Ohms				
Shrink Tubing					Rated _____ V	YDPU2	(UL)		UL224
Sleeving					Rated _____ V	UZFT2	(UL)		
Solenoid					Rated _____ V, _____ A	VAIU2	(UL)		
Strain Relief						NZMT2 QCRV	UL		UL 514B
Surge Suppressor					Breakdown Voltage _____ V. Providing minimum _____ mm spacing across nonconductive body.	XUHT2			UL 1449
Switch (Interlock)					Rated _____ V, _____ A	WOYR WOYR2	UL		UL 61058 IEC 61020 IEC 61058
Switch (Power)					Rated _____ V, _____ A	WOYR WOYR2 NRNT2	UL, KAM		UL 61058 IEC 60669 IEC 61020 IEC 61058
Switch (Voltage selector)					Rated _____ V, _____ A	WOYR WOYR2	UL, KAM		UL 61058 IEC 61020 IEC 61058
Tape (Insulating)						OANZ2	(UL)		
Terminal block (Internal wiring) (Field wiring)					Rated _____ V, _____ A	XCFR2	UL		UL 1059 IEC 60947-7
Thermal cutoff (thermal-link)					Rated _____	XCMQ2	(UL)		UL 1020 IEC 60691
Thermal protector (for motors)					Rated _____	XEWR2	(UL)		IEC 60730
Thermistor					Rated _____	XGPU2	(UL)		UL 1434
Thermostat					Rated _____	XAPX2	UL		

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