Constructional Data Form for Electrical Products

(For TUV Rheinland of N.A., Inc. use only)
Certificate # CU72160982.03 File # 10055182.002

License Holder: Accton Technology Corporation
No. 1, Creation Rd. III, Science-Based Industrial Park, Hsinchu 300 Taiwan

Factory:
1) Joy Technology (Shen Zhen) Co., Ltd.
Building A, B, C, D, Hengkeng Ind., Shangpai Shangwu, Aiqun Road, Shiyan Town, Shenzhen 518108, P.R. China
2) Accton Technology Corporation Factory I
No.1, Creation Rd. III Science-Based Industrial Park, East Dist., Hsinchu 300 Taiwan

Type of Product: Fiber Switch

Model Number:
1) Wedge100-AC-F
2) Wedge100S-AC-F
3) Wedge100-12V-F, Wedge100S-12V-F

Rating:
1) AC 100-240V, 50-60Hz, 4A Max
2) AC 100-240V, 50-60Hz, 4.6A Max
3) DC 12V, 32.4A Max

List of Critical Components:

Object/part no.	Manufacturer/ Trademark	Type/Model	Technical Data	Standard	Mark(s) of Conformity
AC Power supply unit (For Wedge100-AC-F, Wedge100S-AC-F; max. two provided) (Alternate) (Optional)	Bel Fuse Inc.	SPAFCBK-14G	I/P: 100-240Vac, 50-60Hz 9-4A O/P: V1: 12.0Vdc, 62A; V2: 3.3Vdc, 3A, 10W Class I, 55°C Altitude:4000m	IEC 60950-1: 2005+A1+A2 EN 60950-1: 2006+A11+A1 +A12+A2 UL 60950-1, CSA 60950-1	CB by Nemko Nemko cCSAus

(Place) (Date)

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Object/part no.	Manufacturer/ Trademark	Type/Model	Technical Data	Standard	Mark(s) of Conformity
DC input module (For Wedge100-12V-F, Wedge100S-12V-F, one provided) (Alternate) (Optional)	FACEBOOK	Wedge 100-PWR-Module	I/P: 12Vdc O/P: 12Vdc Pass through the 12Vdc source only	--	--
DC Fan module (Five provided)	Delta Electronics Inc.	GFB0412EHS-D(Y) series; (Y) may be xxxxx, where x may be A through Z , 0 through 9 , "-"or blank	12Vdc, 1.82A , 28.961 CFM Min.	EN 60950-1: 2006/A2 IEC 60950-1: 2005/A2 UL 507 CSA C22.2 NO. 113-10	VDE, cULus
RTC Battery (Lithium type) (J4230)	VIC-DAWN ENTERPRISE CO LTD	CR2032	Max reverse charging current 10mA	UL1642	cULus
(Alternate)	SONY ENERGY DEVICES CORP	CR2032(k)	Max reverse charging current 10mA	UL1642	cULus
(Alternate)	MITSUBISHI ELECTRIC CORP	CR2032+	Max reverse charging current 10mA	UL1642	cULus
(Alternate)	MITSUBISHI ELECTRIC HOME APPLIANCE CO LTD	CR2032, CR2032N, CR2032E*, CR2032E+	Max reverse charging current 10mA	UL1642	cULus

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(Alternate)	PANASONIC CORPORATION	CR2032*, CR-2032*, CR-2032/S7A*, CR-2032/S7AE*, CR-2032/S5L*, CR-2032/ S5LE*, CR-2032/S7F*, CR-2032/S7K*	Max reverse charging current 10mA	UL1642	cULus
(Alternate)	RENATA SA	(i)CR2032 MFR	Max reverse charging current 10mA	UL1642	cULus
(Alternate)	EVEREADY BATTERY CO INC	CR2032(j)	Max reverse charging current 10mA	UL1642	cULus
(Alternate)	HITACHI MAXELL ENERGY LTD	CR2032 CR2032(k) CR2032H(k) CR2032HA(k)	Max reverse charging current 10mA	UL1642	cULus
(Alternate)	FDK Corp	CR2032 (I)* CR2032s (I) CR2032v*	Max reverse charging current 10mA	UL1642	cULus
(Alternate)	TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION	CR2032 (#) CR2032s (j)(k)(%) CR2032*	Max reverse charging current 10mA	UL1642	cULus
(Alternate)	VARTA CONSUMER BATTERIES GMBH & CO KGAA	CR2032	Max reverse charging current 10mA	UL1642	cULus

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(Alternate)	VARTA MICROBATTERY GMBH	CR2032 CR2032-P($)	Max reverse charging current 10mA	UL1642	cULus
PTC (F2476 for DEBUG port, F2569 for USB port)	Tyco Electronics Corporation	MICROSMD150F-2	Max 6Vdc, I(trip)= 3A, I(hold)= 1.5A	EN 60730-1, UL 60730-1	TUV, UL, CSA
Metal Enclosure	Interchangeable	Interchangeable	Metallic, thickness 1.0mm min.	--	--
PCB	Interchangeable	Interchangeable	V-0, 105 °C min	UL 94, UL796 CAN/CSA C22.2 No. 0.17	cULus

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Routine Safety Testing:

Required: ☒	**Not Required:** ☐	***Reason:***	***Class III product:*** ☐
Only for Wedge 100-AC-F			***Other:***

Test Details:	**Test Points:**	**Test Values**
☒ **Dielectric Strength:**	**BI: L/N – Chassis** **RI: --**	**2121Vdc** **--**
☒ **Ground Continuity:**	**AC-inlet - Chassis**	**25A, 1s, <100mΩ**
☐ **Insulation Resistance:**		
☐ **Leakage Current:**		
☐ **Other:**		

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