

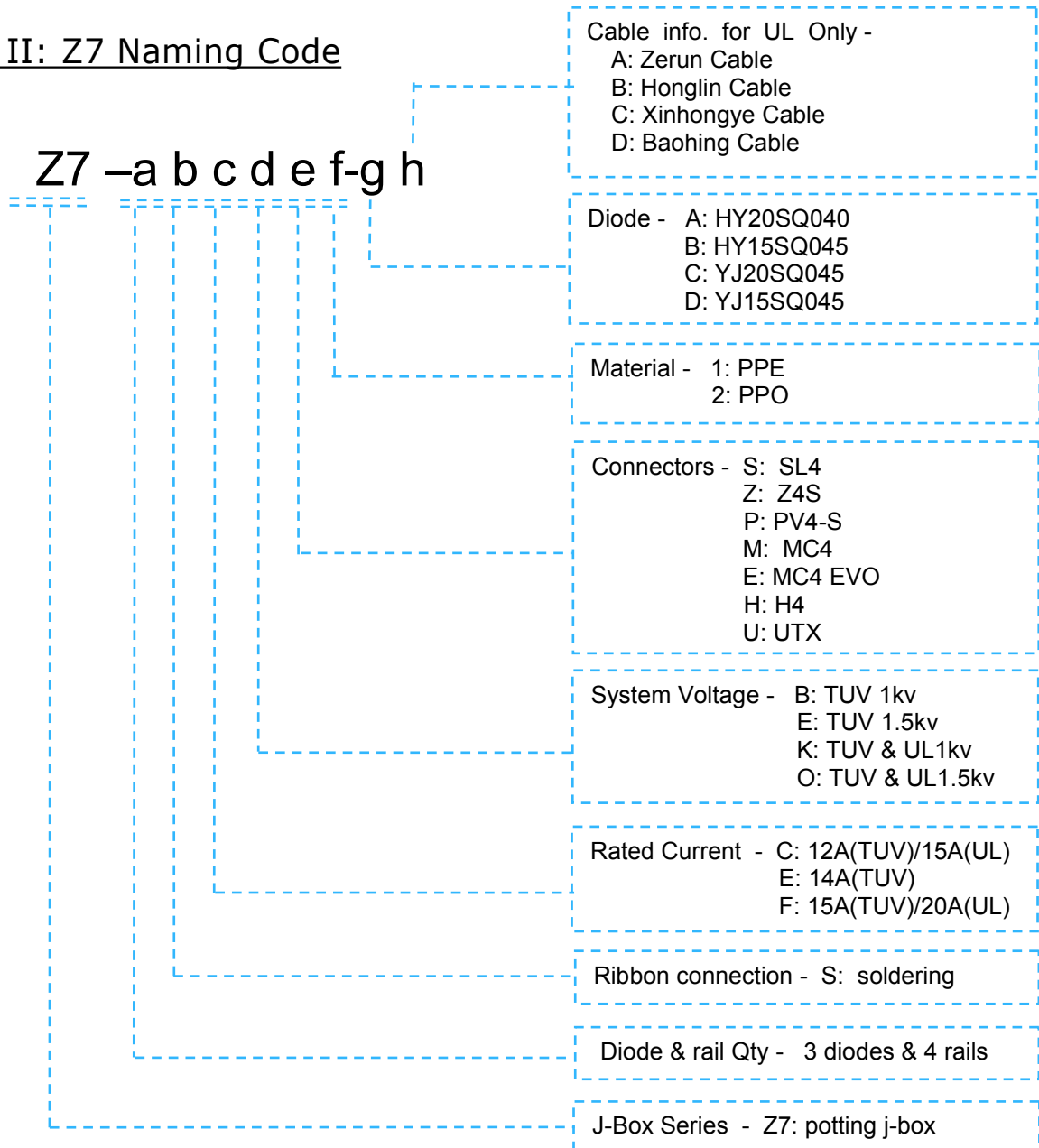
Part I: Basic Technical Data for Z7

Certifications	TUV		UL
Standard	EN50548 & IEC62790		UL3730
Certificate No.	R 50354813		E 351403
Wire Size	1 x 4mm ²		12AWG
Rated system voltage	1000V DC or 1500V DC		
Rated Current	15A	Diode: 20SQ045 (If=20A;Vrrm=45V)	
	12A	Diode: 15SQ045 (If=15A;Vrrm=45V)	
Operation temperature	-40°C ~ 85°C		
Safety Class	Class II		
Flame Resistance	5VA		
Protection Degree	IP68		
Sealing type	Potting		
Volume of Silicon Gel	Appr. 21mL		
Distance between contact rails	18mm		
Material of contact rails	Copper		
Bus ribbons size	Width: 3.0mm - 8.0mm, Thickness: 0.2mm - 0.5mm		
Connecting of bus ribbons	Soldering		
Box size	109.5X60.1X18.0 mm		
No. of Diode	3		
Insulation Material	Housing& Lid	PPE or PPO	
	Inner Base	PA66	

Connector

Manufacture	Type	Certificate No
Dongguan Zerun Electronics Technology Co.,Ltd.	SL4-11 (SL4)	TUV: R50329270 UL:E351402
	Z4S	TUV: In process UL:E351402
Tyco Electronics (Shanghai) Co., Ltd.	PV4-S1yx (PV4-S)	TUV: R50285041 UL:E353372
Multi-Contact AG Basel	PV-KST4/6II;PV-KBT4/6II (MC4)	TUV: R60028286 UL:E343181
	PV-KBT4-EVO, PV-KST4-EVO (MC4 EVO)	TUV: R60098495 UL:E349713
Amphenol Industrial Operations	Helios H4	TUV: R50157783 UL:E339277
	UTX	TUV: R50340393 UL:E339277

Part II: Z7 Naming Code



Model number example: Z7-3SFOZ1-C A

Junction box assembly, 3 diodes, soldering type, rated current 15A, TUV/UL 1500V certificate, Z4S connector, YJ20SQ045, ZERUN Cable.

Part III: Z7 Pictures

