

第一部分: Z8T基本参数 Part I: Basic Technical Data for Z8T

认证机构 Certifications	TUV		UL
标准文件 Standard	EN 50548 & IEC 62790		UL3730
证书编号 Certification No.	R 50360697(EN) & R50359034(IEC)		E 351403
线缆尺寸 Wire Size	1X4.0mm ²		12AWG
额定系统电压 Rated System Voltage	1000V DC or 1500V DC		
额定电流 Rated Current	16A	20SQ045 (If=20A;Vrrm=45V) & 20SQ100(If=20A;Vrrm=100V)	
	18A	25SQ045 (If=25A;Vrrm=45V)	
	20A	30SQ045 (If=30A;Vrrm=45V)	
使用温度范围 Temperature Range	-40°C ~ 85°C		
安全等级 Safety Class	Class II		
防火等级 Flame Resistance	5VA / UL94-V0		
防护等级 Protection Degree	IP68		
密封类型 Sealing type	灌胶 Potting		
灌胶量 Volume of Silicon Gel	平均24ml/套 Appr. 24mL for Three Box		
导轨间距离 Distance between contact rails	11.7mm & 5.9mm (见第2和第3页 See page 2 and 3)		
导轨材料 Material of contact rails	黄铜 Brass		
适配汇流条尺寸 Bus ribbons size	宽度: 1.0mm ~ 8.0mm, 厚度: 0.2mm ~ 0.5mm Width: 1.0mm ~ 8.0mm, Thickness: 0.2mm ~ 0.5mm		
汇流条连接方式 Connecting of bus ribbons	焊接式 Soldering		
接线盒尺寸 Box size	见第2和第3页 See page 2 and 3		
二极管数量 No. of Diode	3		
绝缘材料 Insulation Material	PPO		

连接器 Connector:

制造商 Manufacturer	型号名 Type	证书编号 Approval
泽润 Dongguan Zerun Electronics Technology Co.,Ltd.	Z4S	TUV:R50363877, UL:E351402
泰科 Tyco Electronics (Shanghai) Co., Ltd.	PV4-S1yx	TUV:R50372137, UL:E353372
史陶比尔 STAUBLI ELECTRICAL CONNECTORS AG	PV-KST4/xy-UR; PV-KBT4/xy-UR	TUV:R60111354, UL:E343181
	PV-KBT4-EVO2/xy, PV-KST4-EVO2/xy	TUV:R60098495, UL:E349713

安费诺 Amphenol Industrial Operations	H4-abcdef	TUV:R50388083, UL:E339277
	UTX	TUV:R50340393, UL:E339277

第二部分： Z8型号命名规则 Part II: Z8T Naming Code

Z8 - a b c d e

材料 Material
 - 1: PPO + 横向汇流条孔 PPO + Horizontal bus-bar
 - 2: PPO + 竖向汇流条孔 PPO + Vertical bus-bar

系统电压 System voltage: - K: 1000V - O: 1500V

额定电流 Rated Current:
 - G: 16A: - I: 18A: -W: 20A

结构 Structure:
 - T:宽度 20.0mm + 二极管靠近线缆
 Width 20.0mm + Diode close to Cable
 - U:宽度 20.0mm + 焊盘靠近线缆
 Width 20.0mm + Tin Pad close to Cable
 - V:宽度 27.8mm + 二极管靠近线缆
 Width 27.8mm + Diode close to Cable
 - W:宽度 27.8mm + 焊盘靠近线缆
 Width 27.8mm + Tin Pad close to Cable

二极管和导轨数量 Diode & Rails:
 - 4: 3 二极管, 6 导轨 3 diodes, 6 conducting strip

接线盒系列 J-box Series:
 - Z8: 分体式全灌封接线盒
 Traditional Triple potting J-Box

例如： - **Z8-4SGO2**

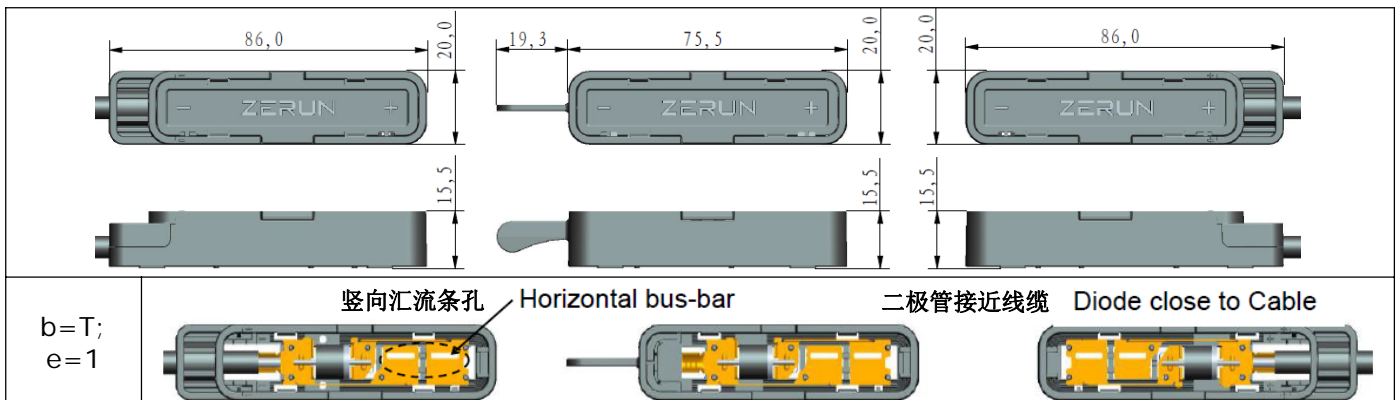
分体式全灌封接线盒,3 二极管+6 轨道, 箱体宽度43.5mm, 额定电流16A, 额定系统电压1500V, TUV 认证, PPO 绝缘材料, 横向汇流条孔.

Part number example - **Z8-4TGO2**

Split type Junction Box Assembly, 3 diodes, 6 conducting strip, The width of box is 20.0mm, Diode close to cable, rated current 16A, rated system voltage 1500V, TUV certification, PPO material, Vertical bus-bar .

第三部分： Z8-abcde(b=T/U, e=1/2)视图

Part III: Pictures for Z8-abcde(b=T/U, e=1/2)



b=T; e=2	<p>竖向汇流条孔 Vertical bus-bar 焊盘 Tin pad 二极管接近线缆 Diode close to Cable</p>
b=U; e=1	<p>横向汇流条孔 Horizontal bus-bar 焊盘接近线缆 Tin pad close to Cable</p>
b=U; e=2	<p>竖向汇流条孔 Vertical bus-bar 焊盘接近线缆 Tin pad close to Cable</p>
间距 Pitch	

第四部分：Z8-abcde(b=V/W, e=1/2)示意图

Part IV: Pictures for Z8-abcde(b=V/W, e=1/2)

b=V; e=1	<p>横向汇流条孔 Horizontal bus-bar 焊盘接近线缆 Diode close to Cable</p>
b=V; e=2	<p>竖向汇流条孔 Vertical bus-bar 焊盘 Tin pad Diode close to Cable</p>
b=W; e=1	<p>横向汇流条孔 Horizontal bus-bar 焊盘接近线缆 Tin pad close to Cable</p>
b=W; e=2	<p>竖向汇流条孔 Vertical bus-bar 焊盘接近线缆 Tin pad close to Cable</p>
间距 Pitch	