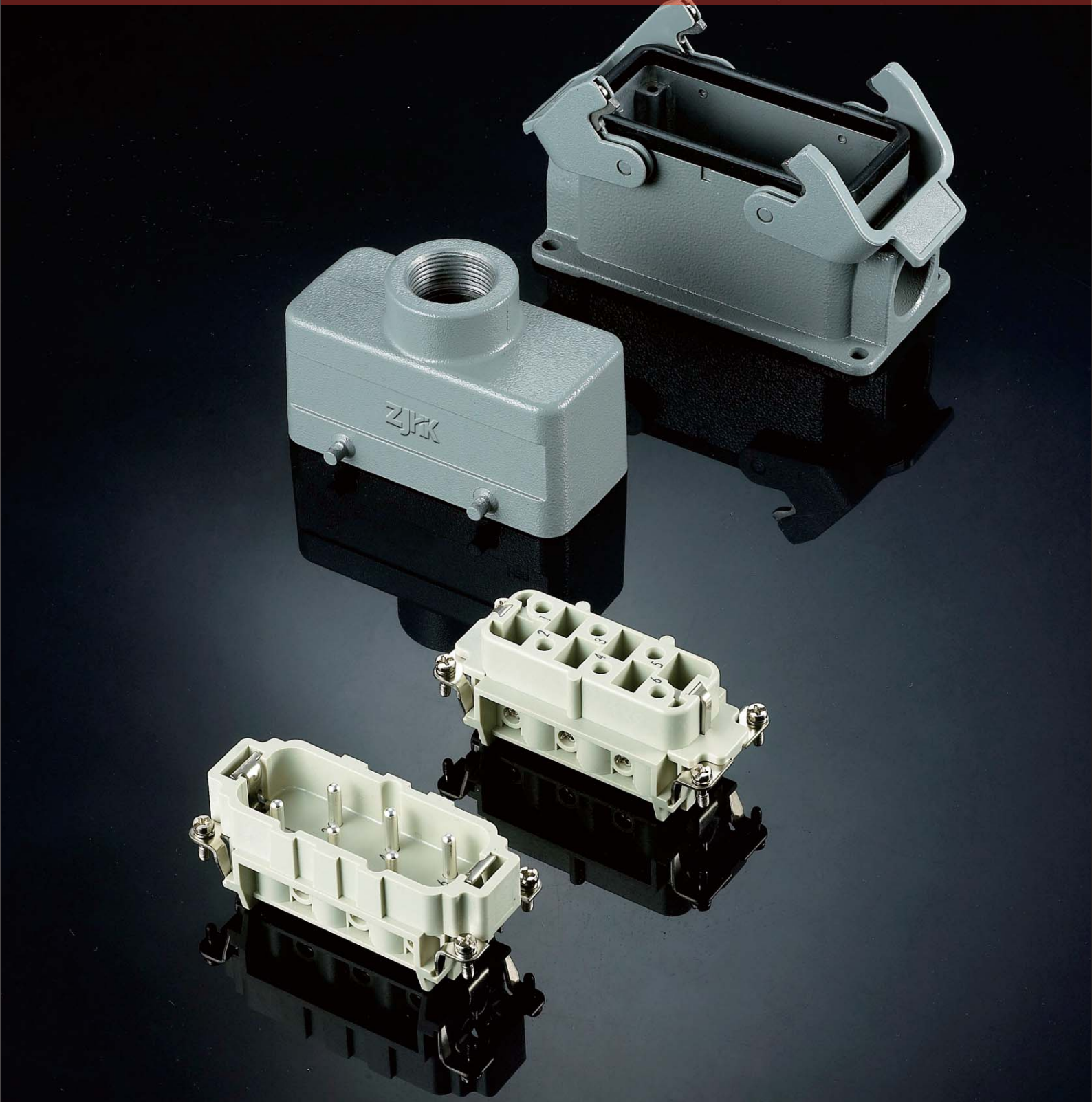
HSB 系列 / HSB SERIES

35A大电流型连接器 / 35A heavy-current connector



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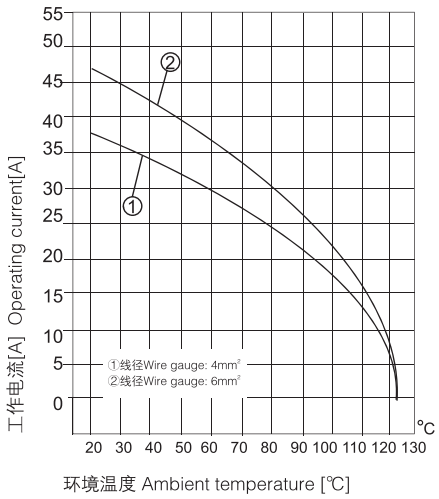
HSB 系列 / HSB SERIES

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
依据 EN 61 984的额定电压	Electrical data acc. to EN 61 984	
接插件针数	Number Of Contacts	6,12+PE
额定电流	Rated Current	35A
相对地额定电压	Rated Voltage	400V
相间额定电压		690V
额定脉冲电压	Rated Impulse Voltage	6kV
污染程度	Pollution Degree	3
或	Or	35A 500 6kV 3
依据UL/CSA额定电压	Rated Voltage Acc.to Ul CSA	600V
绝缘电阻	Insulation Resistance	≥10^{10}Ω
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	−40℃...+125℃
依据UL94阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	MecHEnical Working Life−mating Cycles	≥500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard−silver Plated
接触电阻	Contact Resistance	≤1mΩ
螺钉连接	Screw Terminal	
导线规格	Wire Gauge	6mm²
AWG	AWG	10
拧紧力矩	Tightening Torque	1.2Nm

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512−5



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HSB-006 大电流型插芯 Heavy-current Inserts　400V/690V 35A 6+⏚

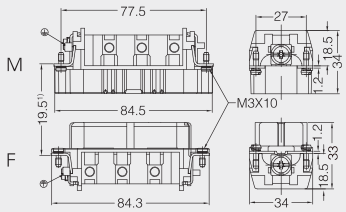
插芯 Inserts

外壳尺寸：匹配16B外壳，详情请参考17-01~17-21页
Hoods/Housings：Matching 16B Hood Housing，detail on P17-01~P17-21页

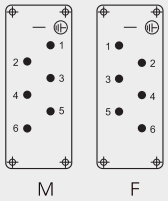
螺丝连接 Screw terminal

插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HSB-006-M	09310062601
母 Female	HSB-006-F	09310062701

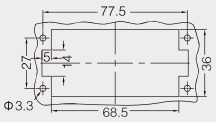
接插体之间的最大距离21mm
Distance for contact max.21mm



接插针排序
Contacts arrangement view from termination side



面板安装开孔图
Panel cut out for inserts for use without Hoods/housings



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HSB-012 大电流型插芯 Heavy-current Inserts　400V/690V 35A 12+⏚

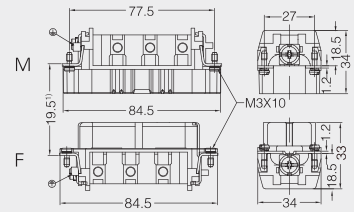
插芯 Inserts

外壳尺寸：匹配32B外壳，详情请参考19-01~19-04页
Hoods/Housings：Matching 32B Hood Housing，detail on P19-01~P19-04页

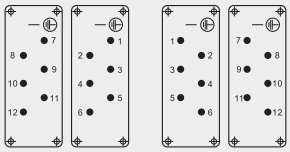
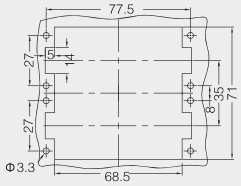
螺丝连接 Screw terminal

插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HSB-006-M(1-6)	09310062601
	HSB-006-M(7-12)	09310062611
母 Female	HSB-006-F(1-6)	09310062701
	HSB-006-F(7-12)	09310062711

接插体之间的最大距离21mm
Distance for contact max.21mm



接插针排序
Contacts arrangement view from termination side



面板安装开孔图
Panel cut out for inserts for use without Hoods/housings