



TUV SUD



ISO9001 ISO14001 GB/T28001

Renhotec

HLB

Technical Characteristics

技术特性

Inserts

绝缘体

Number of contacts: 6、12(2×6)+PE
接触对数量:

Working current
工作电流

Working voltage
工作电压

Rated impulse voltage
额定冲击电压

Pollution degree
污染等级

or
或

35A 400V/690V 6KV 3
35A 500V 6KV 3

Working voltage acc.to UL-CSA
依照UL/CSA 工作电压

600V

Insulation resistance
绝缘电阻

 $\geq 10^{10} \Omega$

Material
材料

Polycarbonate
聚碳酸酯

Temperature range
温度范围

 $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Flammability acc.to UL 94 V-0
可燃性, 依照UL94 V-0

Mechanical working life
-mating cycles
机械寿命

 ≥ 500

Contacts

接触对

Material
材料

Copper alloy
铜合金

Surface-silver plated
表面-镀银

 $3 \mu\text{m Ag}$

Contact resistance

 $\leq 1\text{m}\Omega$

接触电阻

Screw terminal

 mm^2 6mm²

螺纹端接线

AWG

10

-Tightening/test torque

1.2 Nm

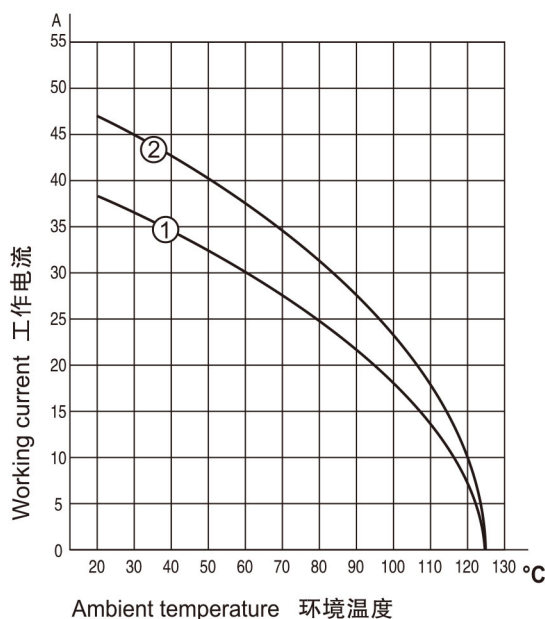
-紧固/测试扭矩

Current Carrying Capacity

载流能力

Current-carrying capacity tends to decline with the ambient temperature going higher and its contacts Increasing.

随着环境温度的升高, 连接器接触件芯数的增加等原因, 接触件的载流量应作相应的降低。

Current De-rating
电流下降图表

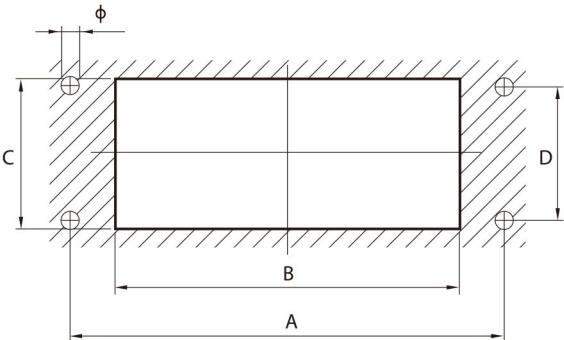
HLB

- ① Wire gauge: 4 mm²
线规: 4 mm²
- ② Wire gauge: 6 mm²
线规: 6 mm²

Hoods/Housings
外壳

Same to HLE
与HLE型相同

Mounting Dimension
面板开孔尺寸



Type 型号	A(mm)	B(mm)	C(mm)	D(mm)	φ (mm)
HLB 6	103	82	35	32	4.4
HLB 12	110	86	71	65	5.5

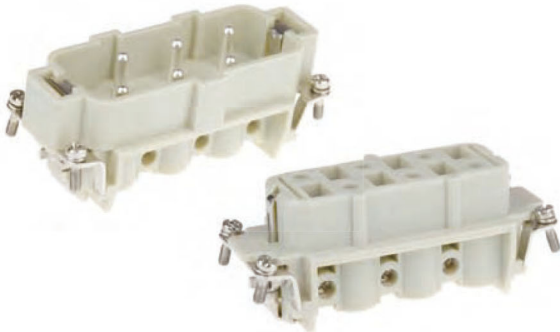
HLB 6

500V 35A

Number of contacts
接触对数量

6 +

Inserts
内芯



Identification
外形

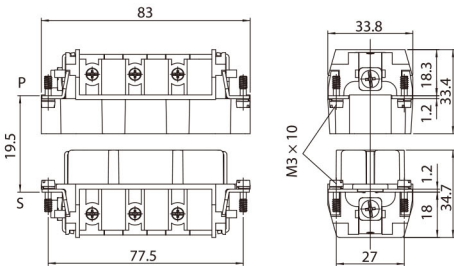
Part No.
代码

PG / M

Drawing
尺寸图



B6P



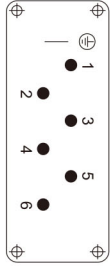
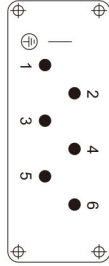
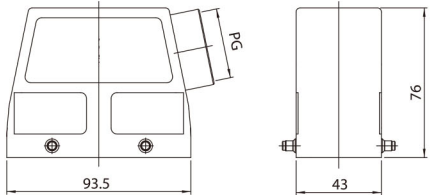
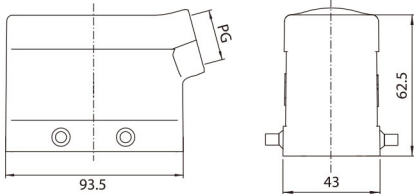
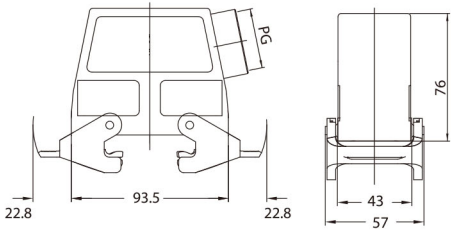


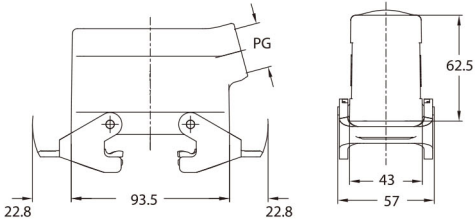
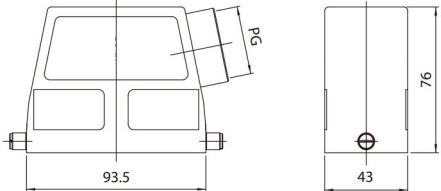
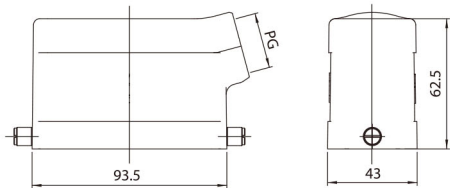
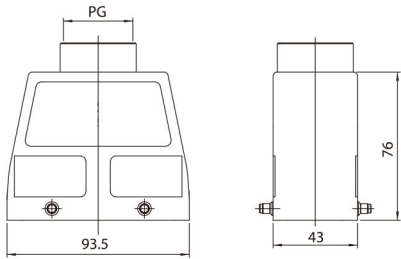
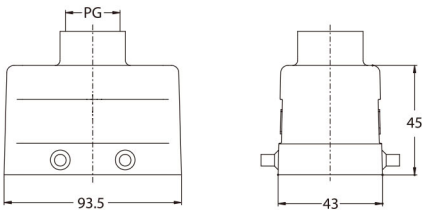
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Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	B6S		Contact arrangement View from termination side 芯数排布 从接线端面观察 P  S 
	B6SE	PG29 M32	
	B6SE	PG21 PG16 M25 M20	
	B6SL	PG29 M32	

Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	B6SL	PG21 PG16 M25 M20	
	B6SEL	PG29 M32	
	B6SEL	PG21 PG16 M25 M20	
	B6TE	PG29 M32	
	B6TE	PG21 PG16 M25 M20	

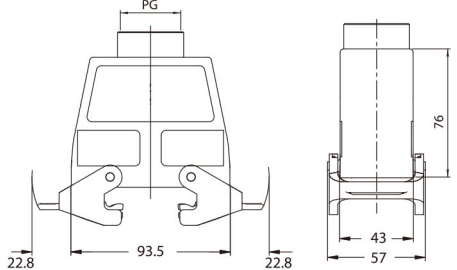
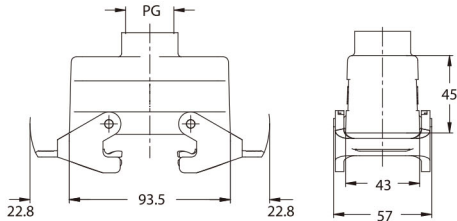
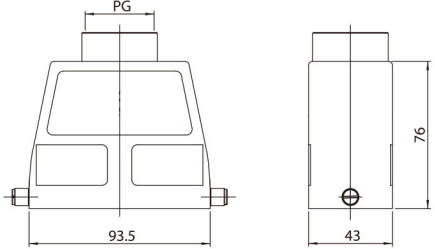
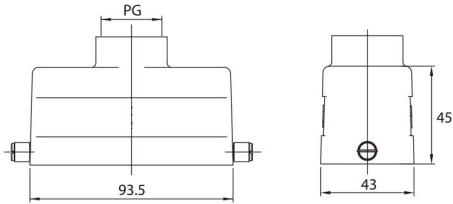
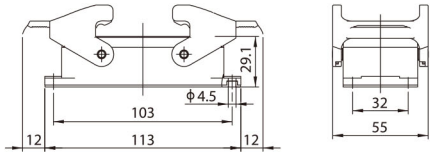


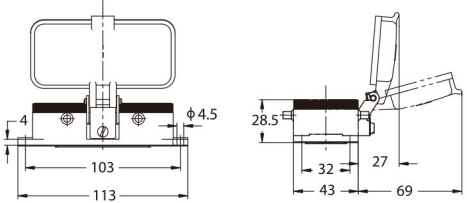
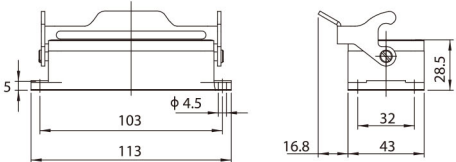
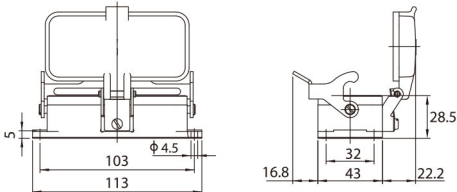
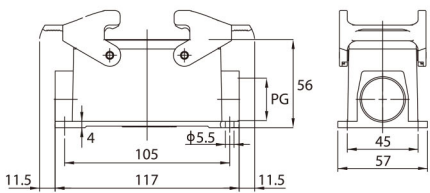
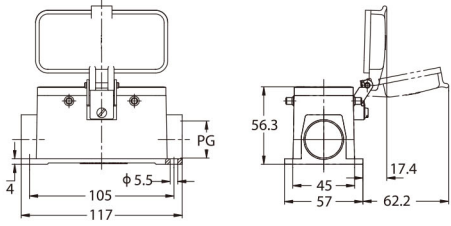
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Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
 	B6TL	PG29 M32	
	B6TL	PG21 PG16 M25 M20	
 	B6TEL	PG29 M32	
	B6TEL	PG21 PG16 M25 M20	
	B6BH		

Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	B6BC		
	B6BHL		
	B6BCL		
	B6OS	PG21 PG16 M25 M20	
	B6OC	PG21 PG16 M25 M20	



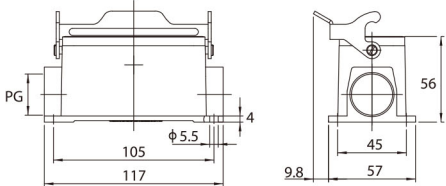
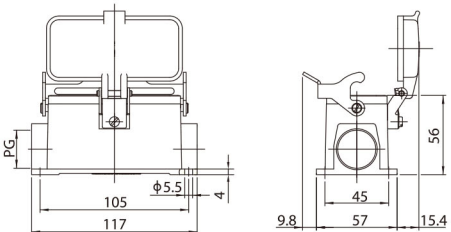
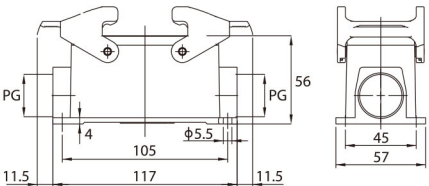
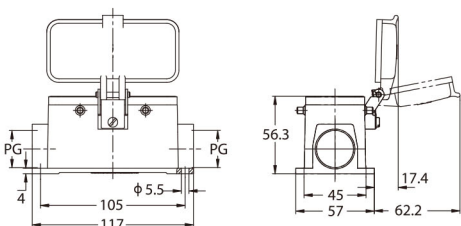
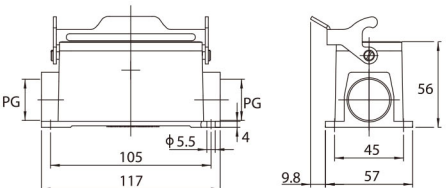
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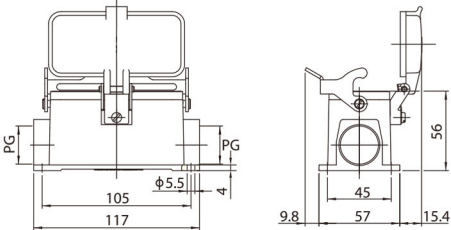


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HLB

Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	B6OSL	PG21 PG16 M25 M20	
			
	B6TS	PG21 PG16 M25 M20	
			
			

Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	B6TCL	PG21 PG16 M25 M20	



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HLB6 Shell Code HLB6 外壳互配图示

Plug 插头

SESide Entry
侧引线**TE**Top Entry
上引线

Receptacle 插座

**BH**Bulkhead
面板开孔**OS**One-Side Entry
单侧引线**TS**Two-Side Entry
双侧引线

Plug 插头

SELSide Entry
侧引线**TEL**Top Entry
上引线

Receptacle 插座

**BHL**Bulkhead
面板开孔**OSL**One-Side Entry
单侧引线**TSL**Two-Side Entry
双侧引线**BCL**Bulkhead
With Cap
面板开孔
带防尘盖**OCL**One-Side Entry
With Cap
单侧引线
带防尘盖**TCL**Two-Side Entry
With Cap
双侧引线
带防尘盖

Plug 插头

SLSide Entry
侧引线**TL**Top Entry
上引线

Receptacle 插座

**BC**Bulkhead
With Cap
面板开孔
带防尘盖**OC**One-side Entry
With Cap
单侧引线
带防尘盖**TC**Two-Side Entry
With Cap
双侧引线
带防尘盖

HLB

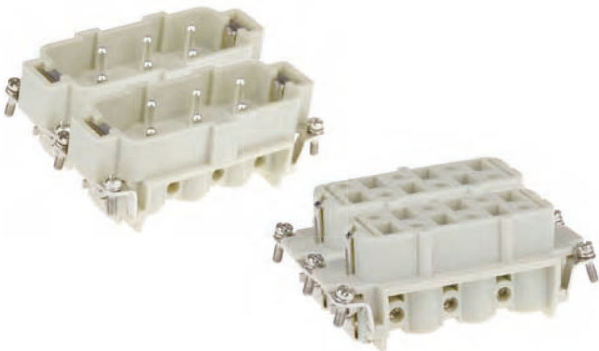
HLB 12

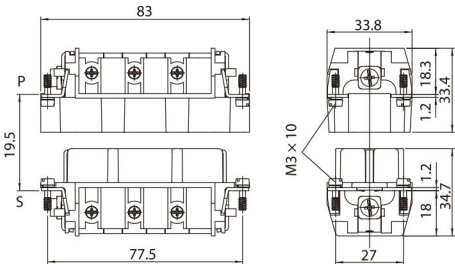
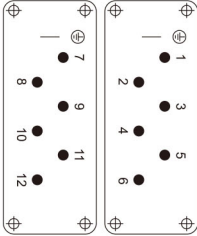
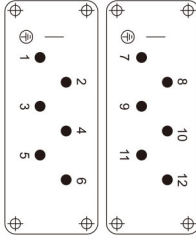
500V 35A

Number of contacts
接触对数量

12 + 

Inserts
内芯



Identification 外形	Part No. 代 码	PG / M	Drawing 尺寸图
	B12P		
	B12S		Contact arrangement View from termination side 芯数排布 从接线端面观察 P  S S 

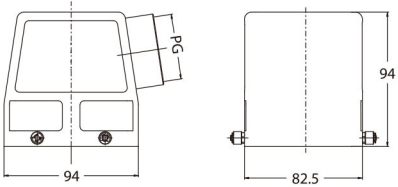
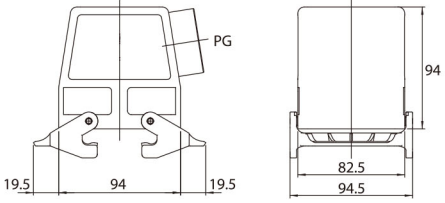
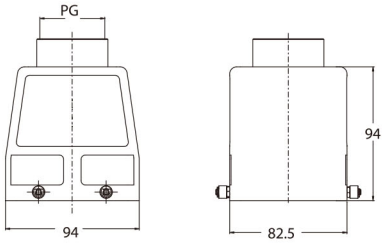
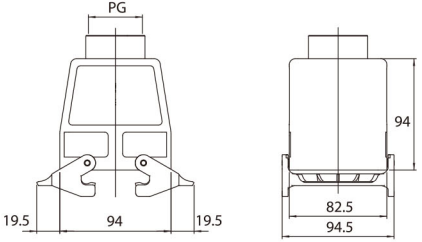
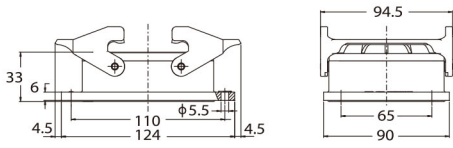


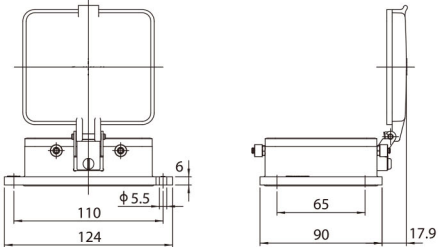
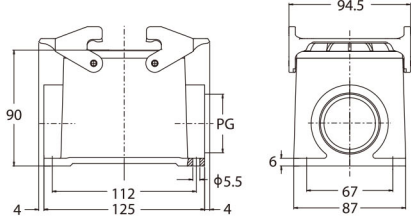
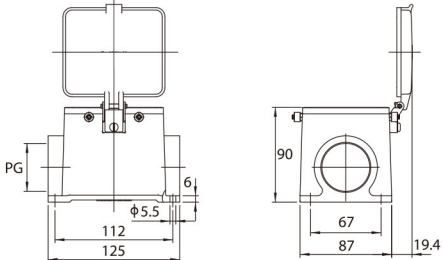
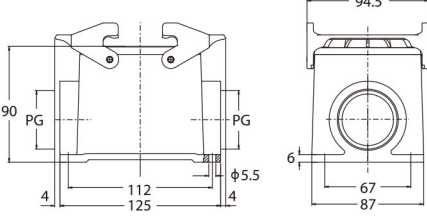
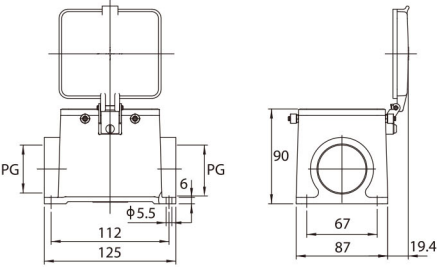
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Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	B12SE	PG36 PG29 M40 M32	
	B12SL	PG36 PG29 M40 M32	
	B12TE	PG36 PG29 M40 M32	
	B12TL	PG36 PG29 M40 M32	
	B12BH		

Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	B12BC		
	B12OS	PG36 PG29 M40 M32	
	B12OC	PG36 PG29 M40 M32	
	B12TS	PG36 PG29 M40 M32	
	B12TC	PG36 PG29 M40 M32	



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HLB12 Shell Code HLB12 外壳互配图示

Plug 插头

SE

Side Entry
侧引线



TE

Top Entry
上引线



Receptacle 插座



BH

Bulkhead
面板开孔



OS

One-Side Entry
单侧引线



TS

Two-Side Entry
双侧引线



Plug 插头

SL

Side Entry
侧引线



TL

Top Entry
上引线



Receptacle 插座



BC

Bulkhead
With Cap
面板开孔
带防尘盖



OC

One-side Entry
With Cap
单侧引线
带防尘盖



TC

Two-Side Entry
With Cap
双侧引线
带防尘盖

