

HLA

Technical Characteristics 技术特性

Inserts 绝缘体

Number of contacts:
接触对数量: 3、4、10、16
32(2 × 16)+PE

HLA 3 or 4

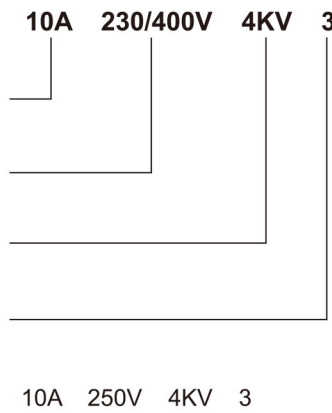
Working current
工作电流

Working voltage
工作电压

Rated shock voltage
额定冲击电压

Pollution degree
污染等级

or
或



HLA 10、16 or 32

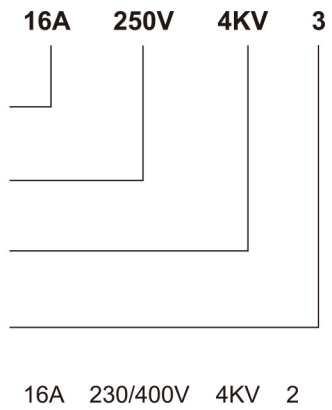
Working current
工作电流

Working voltage
工作电压

Rated shock voltage
额定冲击电压

Pollution degree
污染等级

-Pollution degree 2 also
-污染等级2也可



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°C ~ +125°C

Flammability acc. To UL 94 V-0
可燃性, 依照UL 94 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 μ m Ag

Contact resistance
接触电阻 $\leq 1m\Omega$

Screw terminal
螺纹端接线 mm² 2.5 mm²
AWG 14AWG

-Tightening/test torque
-紧固/测试扭矩 HLA 3、4: 0.25 Nm
HLA10、16、32: 0.5 Nm

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。



TUV SUD

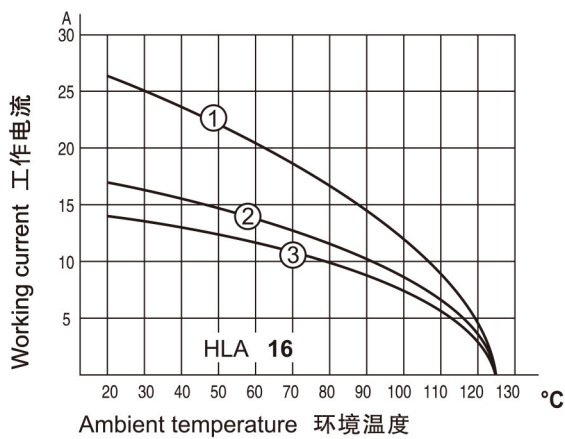
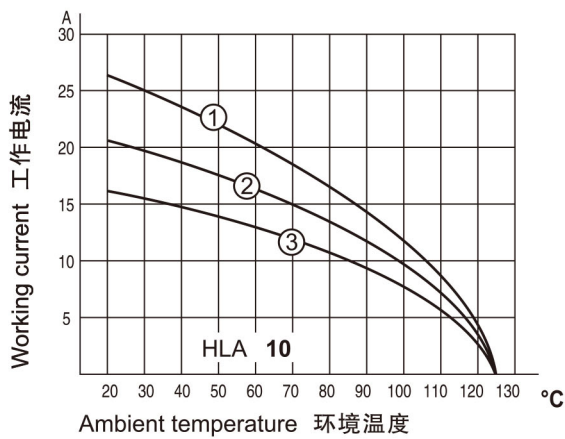
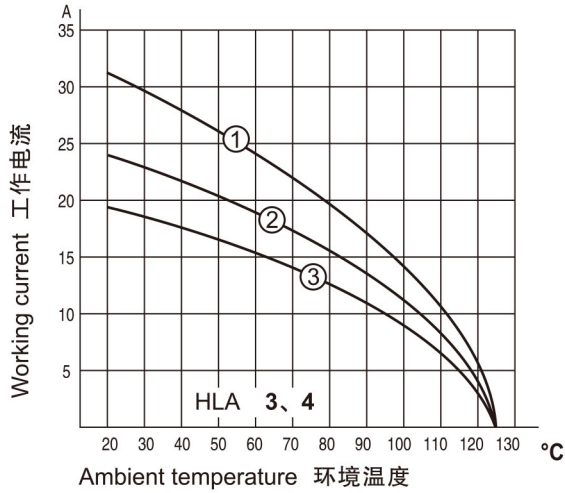


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HLA

Current De-rating 电流下降图表



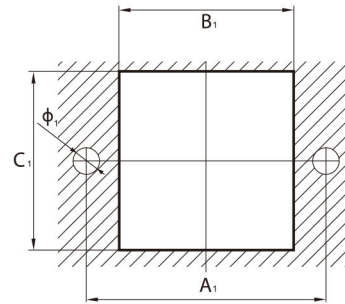
- ① Wire gauge: 2.5mm² ① 线规: 2.5mm²
- ② Wire gauge: 1.5mm² ② 线规: 1.5mm²
- ③ Wire gauge: 1mm² ③ 线规: 1mm²

Hoods/Housings

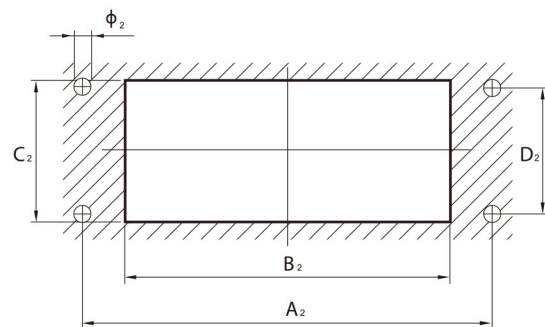
外壳

Material 材料: Die cast aluminium 铸铝合金
 Surface 表面: Powder-coated 粉末喷涂
 Degree of protection acc. to IEC/EN 60 529 for coupled connector 按照IEC\EN60529外壳防护等级: IP65

Mounting Dimension 面板开孔尺寸



Type 型号	A ₁ (mm)	B ₁ (mm)	C ₁ (mm)	φ ₁ (mm)
HLA 3、4	30	22	22	3.3



Type 型号	A ₂ (mm)	B ₂ (mm)	C ₂ (mm)	D ₂ (mm)	φ ₂ (mm)
HLA 10	70	57	24	17.5	3.3
HLA 16	86	73	24	17.5	3.3
HLA 32	92	73	48	42	4.4

HLA 3 & 4

230/400V 10A

Number of contacts
接触对数量

3 +

4 +

Inserts
内芯



Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	A3P		<p>Contact arrangement View from termination side 芯数排布 从接线端面观察</p>
	A3S		
	A4P		
	A4S		<p>Mounting example 安装示例</p>





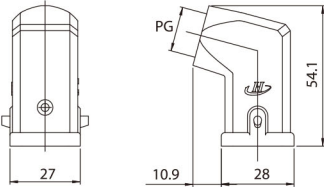
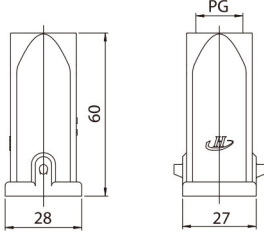




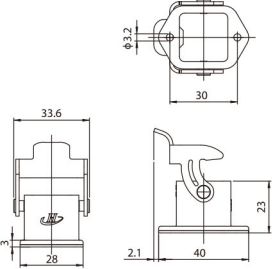
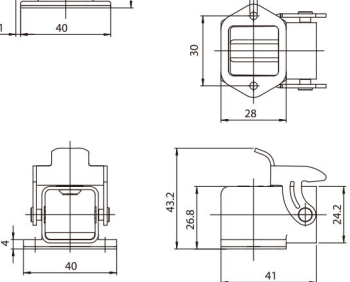
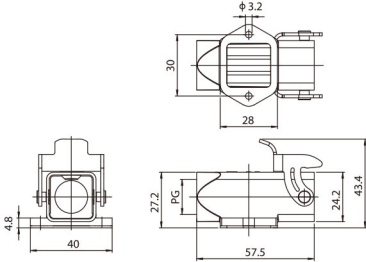
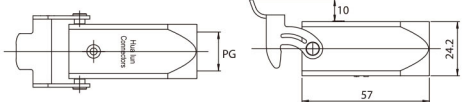
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Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图	
 	A3SEL	PG11 M20		
	A4SEL			
	A3TEL	PG11 M20		
	A4TEL			
   	A3BHL			
	A4BHL			
	A3BSL			
	A4BSL			
	A3OSL	PG11 M20		
	A4OSL			
	A3CCL	PG11 M20		
	A4CCL			

HLA3、4 Shell Code HLA3、4 外壳互配图示

Plug 插头



Receptacle 插座



HLA10

250V 16A

Number of contacts
接触对数量

10+

Inserts
内芯



Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	A10P		




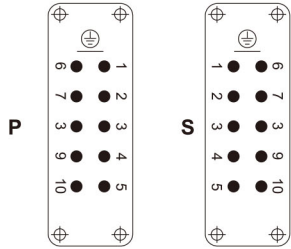


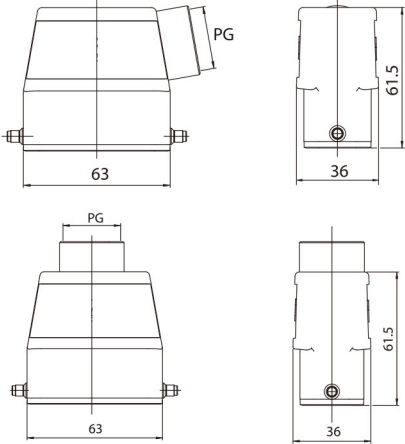



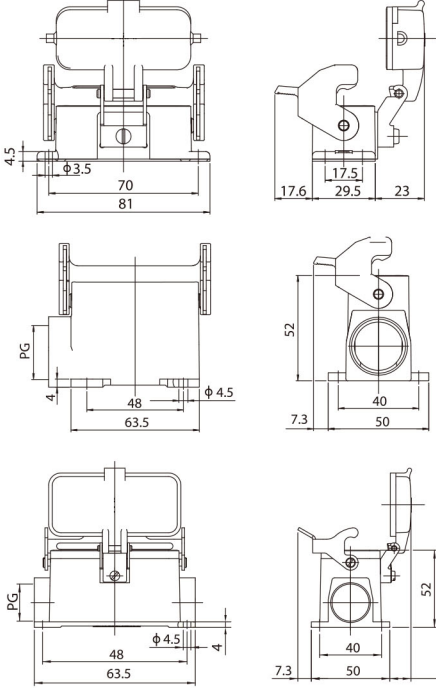
TUV SUD


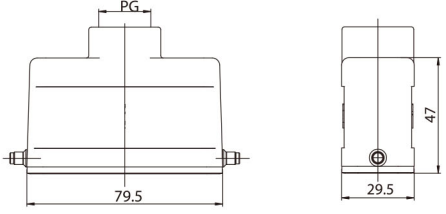

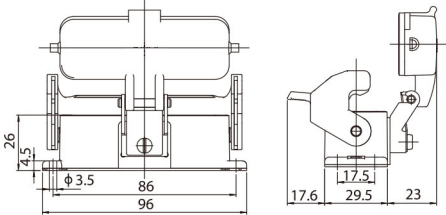

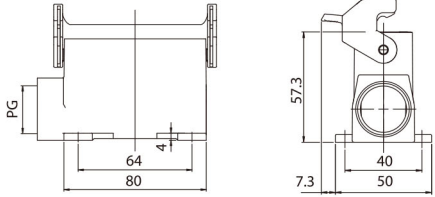

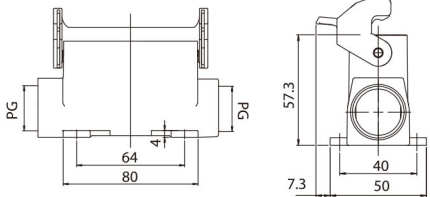


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H1A

Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	A10S		<p>Contact arrangement View from termination side 芯数排布 从接线端面观察</p> 
 	<p>A10SEL</p> <p>A10TEL</p>	<p>PG16 M20</p> <p>PG16 M20</p>	
  	<p>A10BCL</p> <p>A10OSL</p> <p>A10OCL</p>	<p>PG21 PG16 M20</p> <p>PG21 PG16 M20</p>	

Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	<p>A16TEL</p>	<p>PG16 PG13.5 M20</p>	
	<p>A16BCL</p>		
	<p>A16OSL</p>	<p>PG16 PG13.5 M20</p>	
	<p>A16TSL</p>	<p>PG16 PG13.5 M20</p>	



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HLA16 Shell Code HLA16 外壳互配图示

Plug 插头




Receptacle 插座



HLA 32


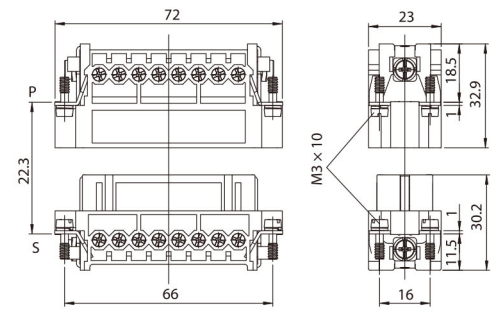
250V 16A

Number of contacts
接触对数量


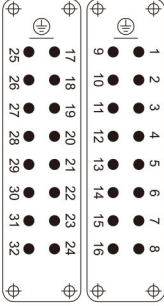
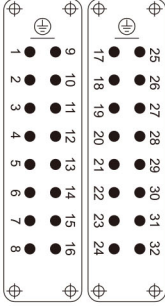


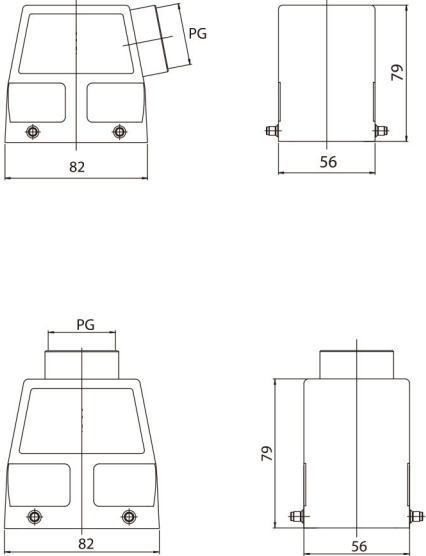

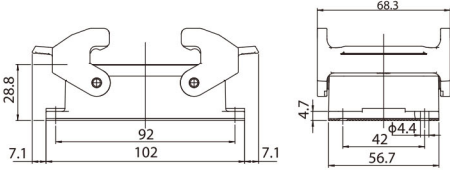
32+ 


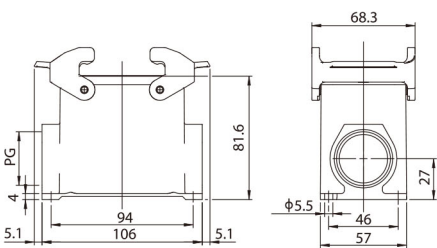

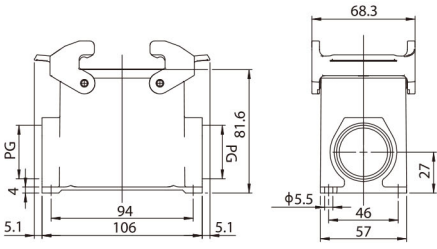
Inserts
内芯



Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	A32P		

HLA

Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	<p>A32S</p>		<p>Contact arrangement View from termination side 芯数排布 从接线端面观察</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>P</p>  </div> <div style="text-align: center;"> <p>S</p>  </div> </div>
 	<p>A32SE</p> <p>A32TE</p>	<p>PG21 PG29 M25 M32</p> <p>PG21 PG29 M25 M32</p>	 <p>Dimensions for A32SE/A32TE: 82mm width, 56mm base width, 67mm height.</p>
	<p>A32BH</p>		 <p>Dimensions for A32BH: 102mm length, 92mm width, 7.1mm height, 68.3mm top width, 56.7mm base width, 4.4mm hole diameter, 4.7mm offset.</p>

Identification 外形	Part No. 代码	PG / M	Drawing 尺寸图
	A32OS	PG21 PG29 M25 M32	
	A32TS	PG21 PG29 M25 M32	

HLA32 Shell Code
HLA32 外壳互配图示

Plug 插头



Receptacle 插座

