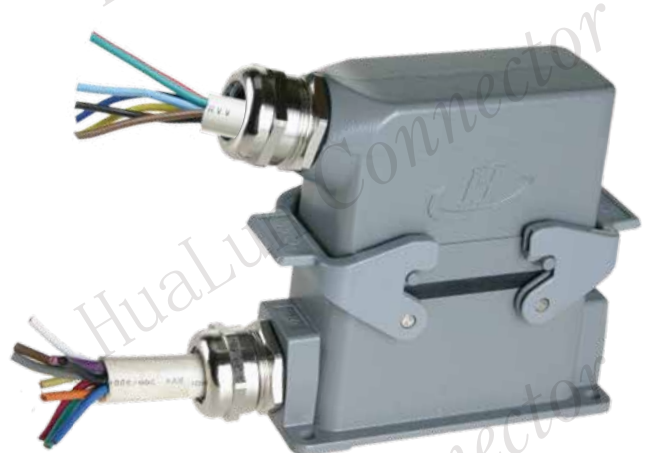


Screw

- 4/0, 4/2, 8/0 (4/0x2), 8/4 (4/2x2), 4/8, 4/16 (4/8x2), 6/6 Contacts
- Current: 16A, 80A, 100A

K Series



HLK4/0, 4/2, 8/0, 8/4 Series Technical Characteristics

■ Inserts

Number of contacts: 4/0+PE, 4/2+PE
8/0 (4/0×2)+PE
8/2 (4/2×2)+PE

Power area: 80A 690V 8KV 3
Working current
Working voltage
Rated shock voltage
Pollution degree

Signal area: 16A 400V 6KV 3
Working current
Working voltage
Rated shock voltage
Pollution degree

Pollution degree 2 also 16A 400/690V 6KV 2

Working voltage acc. to UL-CSA 600V / 300V
Insulation resistance $\geq 10^{10} \Omega$
Material Polycarbonate
Temperature range -40°C ~ +125°C
Flammability acc. to UL 94 V-0
Mechanical working life -mating cycles ≥ 500

■ Contacts

Power area:

Material Copper alloy
Surface - silver plated 3 μ m Ag
Contact resistance $\leq 0.3m\Omega$
Screw terminal mm² 1.5~16mm²
AWG 16~6AWG

-Tightening/test torque

mm ²	1.5	2.5	4	6	10	16
Nm	1.2	2	3	3	3	3

Signal area:

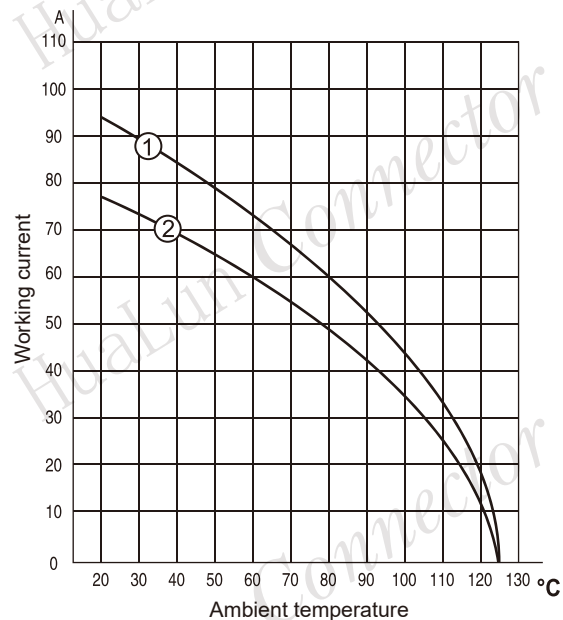
Material Copper alloy
Surface - silver plated 3 μ m Ag
Contact resistance $\leq 1m\Omega$
Screw terminal mm² 0.5~2.5mm²
AWG 20~14AWG

-Tightening/test torque 0.5Nm

■ Current Carrying Capacity

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

Current De-rating

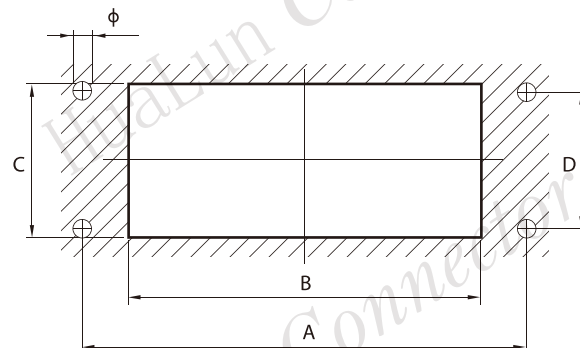


① Wire gauge: 16mm² ② Wire gauge: 10mm²

■ Hoods/Housings

Same to HLE

Panel Mounted & Mounting Hole



Type	A(mm)	B(mm)	C(mm)	D(mm)	ϕ (mm)
HLK 4/0,4/2	103	82	35	32	4.4
HLK 8/0,8/4	110	86	71	65	5.5



TUV SUD



ISO9001


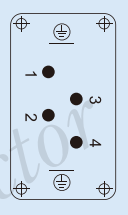
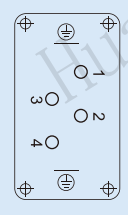


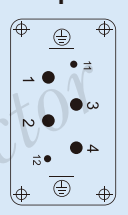
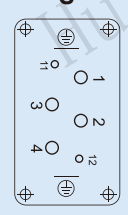

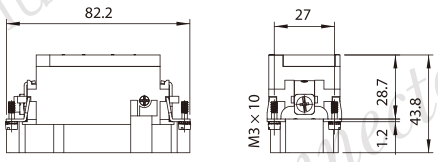
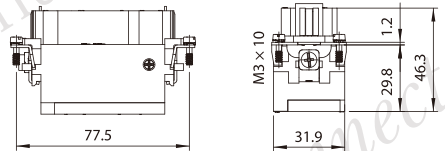

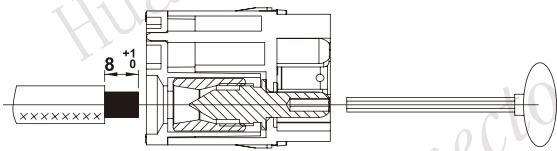
ISO14001

ISO45001



华伦连接器
HuaLun Connector

— K Series Connector —

HLK4/0、4/2		690V 80A/16A	
P (Pin)	Contact arrangement View from termination side	S (Socket)	
<p>4/0P + \oplus</p>  <p>Part Number HLK4/0P</p>	<p>P</p> 	<p>S</p> 	<p>4/0S + \oplus</p>  <p>Part Number HLK4/0S</p>
<p>4/2P + \oplus</p>  <p>Part Number HLK4/2P</p>	<p>P</p> 	<p>S</p> 	<p>4/2S + \oplus</p>  <p>Part Number HLK4/2S</p>
			
Shell style see Page 72			
<p>Screwdriver (For axial setscrew)</p> <p>Part Number K4G</p> 			



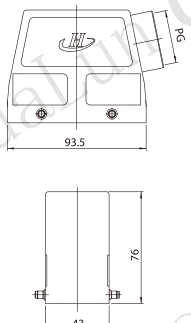
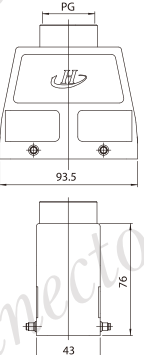
K

— K Series Shell style —

K4/0, K4/2 Code



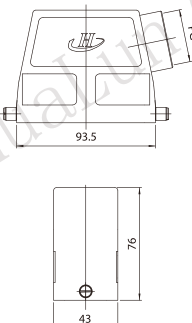
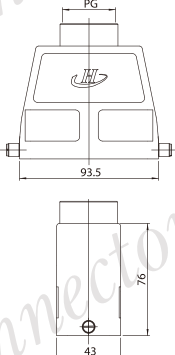
Plug

Accessories see P98-100

Shell	SE Side Entry PG29 	TE Top Entry PG29 
	HLK4/0SE HLK4/2SE	HLK4/0TE HLK4/2TE
		


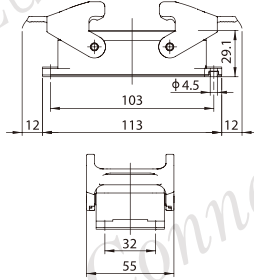
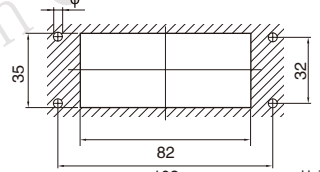
Plug

Accessories see P98-100

Shell	SEL Side Entry PG29 	TEL Top Entry PG29 
	HLK4/0SEL HLK4/2SEL	HLK4/0TEL HLK4/2TEL
		



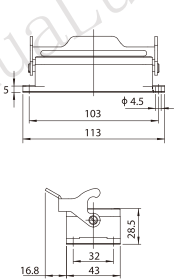
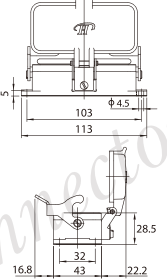
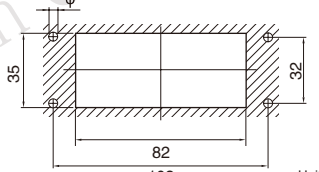
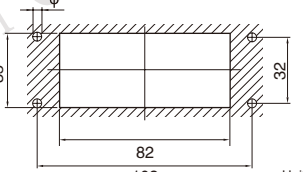
Receptacle



Shell	BH Bulkhead 
	HLK4/0BH HLK4/2BH
	
Drawing	 <p>Panel Mounted & Mounting Hole</p>

Receptacle



Shell	BHL Bulkhead 	BCL Bulkhead With Cap 
	HLK4/0BHL HLK4/2BHL	HLK4/0BCL HLK4/2BCL
		
Drawing	 <p>Panel Mounted & Mounting Hole</p>	

K



TUV SUD



ISO9001

ISO14001

ISO45001



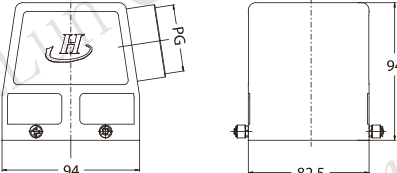
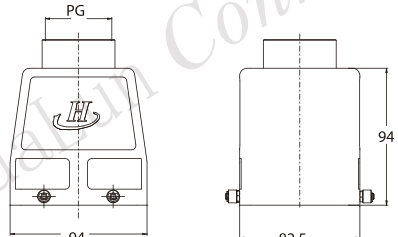


华伦连接器
HuaLun Connector

— K Series Shell style — K8/0, K8/4 Code




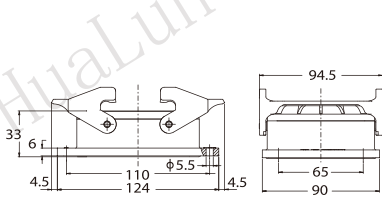
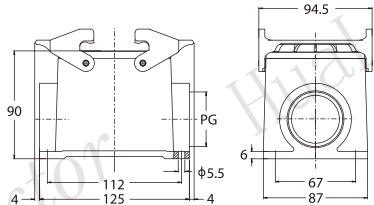
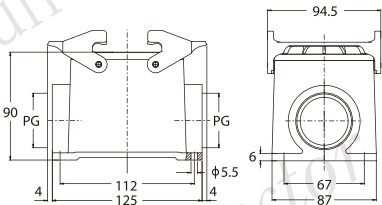
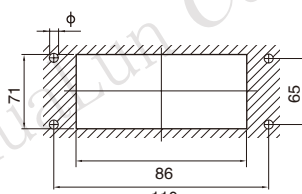
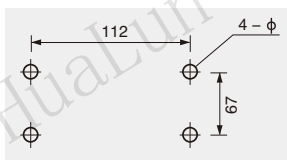
Plug

Accessories see P98-100

Shell	SE Side Entry  PG36 PG29	TE Top Entry  PG36 PG29
	HLK8/0SE HLK8/4SE	HLK8/0TE HLK8/4TE
		



Receptacle

Shell	BH Bulkhead 	OS One-Side Entry  PG36 PG29	TS Two-Side Entry  PG36 PG29
	HLK8/0BH HLK8/4BH	HLK8/0OS HLK8/4OS	HLK8/0TS HLK8/4TS
			
Panel Mounted & Mounting Hole 	The mounting panel does not open rectangular holes Drill four holes at center intervals 		

Unit: mm



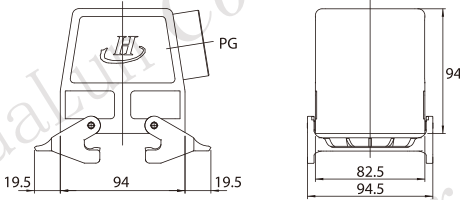
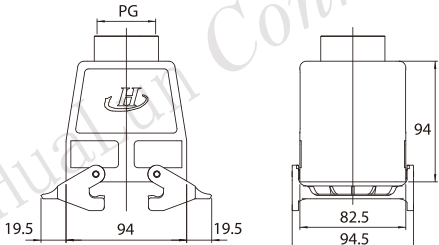
K

— K Series Shell style —

K8/0, K8/4 Code




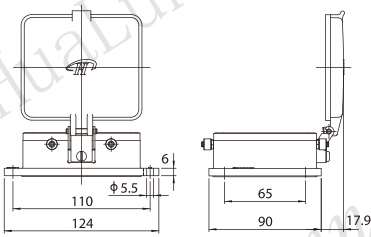
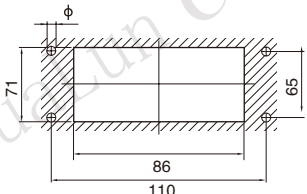
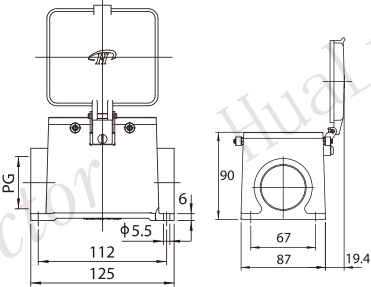
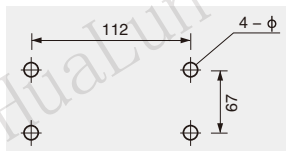
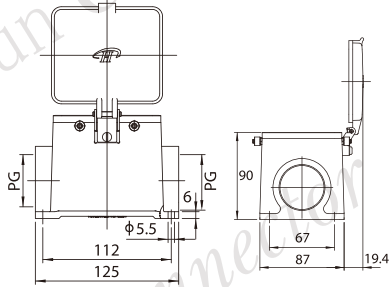
Plug

Accessories see P98-100

Shell	<p>SL Side Entry</p>  <p>PG36 PG29</p>	<p>TL Top Entry</p>  <p>PG36 PG29</p>
Code	<p>HLK8/0SL HLK8/4SL</p>	<p>HLK8/0TL HLK8/4TL</p>
Drawing		



Receptacle

Shell	<p>BC Bulkhead With Cap</p> 	<p>OC One-Side Entry With Cap</p>  <p>PG36 PG29</p>	<p>TC Two-Side Entry With Cap</p>  <p>PG36 PG29</p>
Code	<p>HLK8/0BC HLK8/4BC</p>	<p>HLK8/0OC HLK8/4OC</p>	<p>HLK8/0TC HLK8/4TC</p>
Drawing	 <p>Panel Mounted & Mounting Hole</p> 	 <p>The mounting panel does not open rectangular holes Drill four holes at center intervals</p> 	

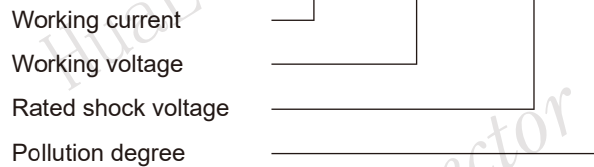
Unit: mm

HLK4/8, 8/16 Series

Technical Characteristics

■ Inserts

Number of contacts: 4/8+PE, 8/16 (4/8×2)+PE

Power area: 80A 690V 6 KV 3

Signal area: 16A 400V 6 KV 3

 Working voltage acc. to UL-CSA 600V / 600V
 Insulation resistance $\geq 10^{10} \Omega$
 Material Polycarbonate
 Temperature range $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Flammability acc. to UL 94 V-0

 Mechanical working life ≥ 500
 -mating cycles

■ Contacts

Power area:

 Material Copper alloy
 Surface - silver plated $3 \mu\text{m Ag}$
 Contact resistance $\leq 0.3\text{m}\Omega$
 Screw terminal mm^2 1.5~16 mm^2
 AWG 16~6AWG

-Tightening/test torque

mm^2	1.5	2.5	4	6	10	16
Nm	1.2	2	3	3	3	3

Signal area:

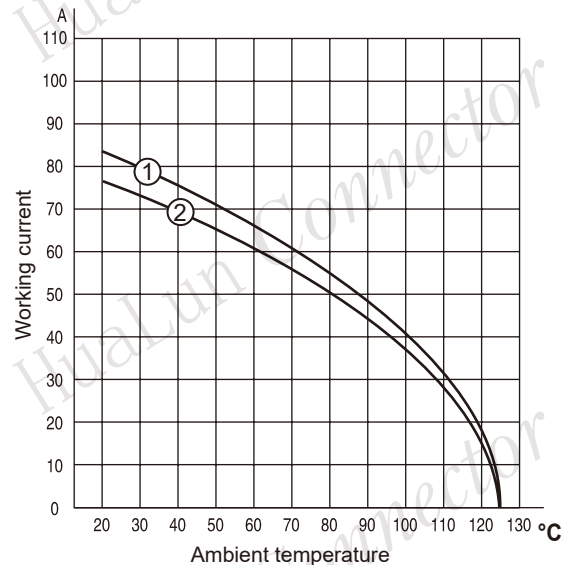
 Material Copper alloy
 Surface - silver plated $3 \mu\text{m Ag}$
 Contact resistance $\leq 1\text{m}\Omega$
 Screw terminal mm^2 0.5~2.5 mm^2
 AWG 20~14AWG

-Tightening/test torque 0.5Nm

■ Current Carrying Capacity

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

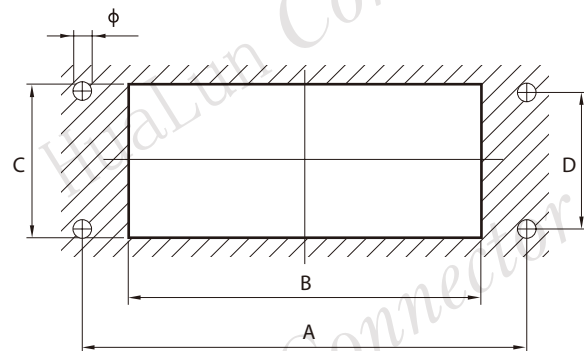
Current De-rating


 ① Wire gauge: 16mm² ② Wire gauge: 10mm²

■ Hoods/Housings


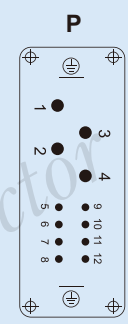
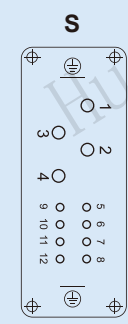

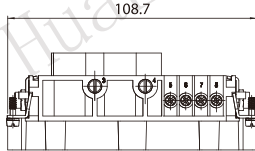
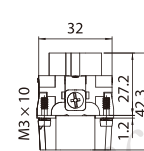
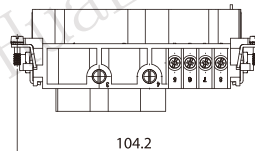
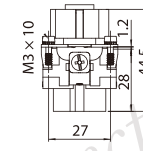
Same to HLE

Panel Mounted & Mounting Hole



Type	A(mm)	B(mm)	C(mm)	D(mm)	ϕ (mm)
HLK 4/8	130	108	35	32	4.4
HLK 8/16	148	117	81	70	6.4

— K Series Connector —

HLK4/8		690V	80A/16A
P (Pin)	Contact arrangement View from termination side		S (Socket)
 <p>4/8P + ⚡</p> <p>Part Number HLK4/8P</p>	 <p>P</p>	 <p>S</p>	 <p>4/8S + ⚡</p> <p>Part Number HLK4/8S</p>
 <p>108.7</p>	 <p>32 M3 x 10 27.2 1.2 42.3</p>	 <p>104.2</p>	 <p>M3 x 10 28 1.2 44.5 27</p>
Shell style see Page 77			

K



TUV SUD



ISO9001

ISO14001

ISO45001



华伦连接器
HuaLun Connector

— K Series Shell style — K4/8 Code

Plug

Accessories see P98-100

Shell	SE Side Entry PG29	TE Top Entry PG29	TT Two-Top Entry PG21 PG16
	HLK4/8SE	HLK4/8TE	HLK4/8TT
Drawing			

Plug

Accessories see P98-100

Shell	SEL Side Entry PG29	TEL Top Entry PG29
	HLK4/8SEL	HLK4/8TEL
Drawing		

Receptacle



Shell	BH Bulkhead	
	HLK4/8BH	
	Drawing	
		Panel Mounted & Mounting Hole

Receptacle



Shell	BHL Bulkhead	BCL Bulkhead With Cap
	HLK4/8BHL	HLK4/8BCL
Drawing		
		Panel Mounted & Mounting Hole



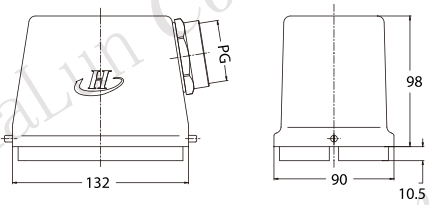
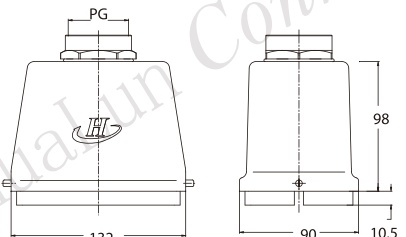
K

— K Series Shell style —

K8/16 Code




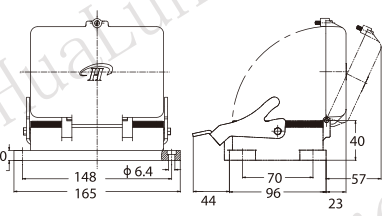
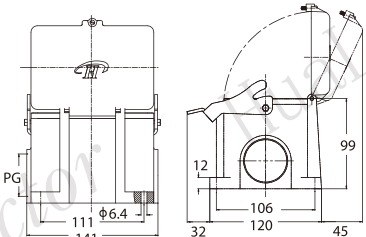
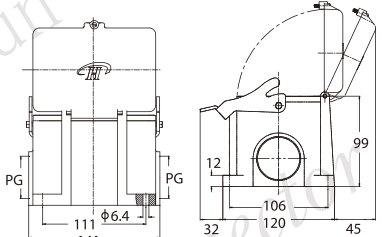
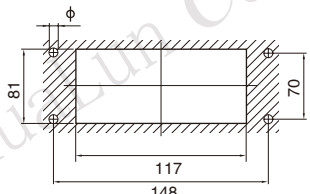
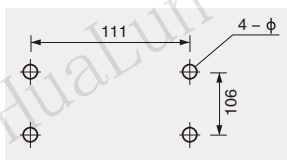
Plug

Accessories see P98-100

Shell	<p>SEL Side Entry</p>  <p>PG36 PG29</p>	<p>TEL Top Entry</p>  <p>PG36 PG29</p>
Code	HLK8/16SEL	HLK8/16TEL
Drawing	 <p>132, 98, 90, 10.5</p>	 <p>132, 98, 90, 10.5</p>



Receptacle

Shell	<p>BCL Bulkhead With Cap</p> 	<p>OCL One-Side Entry With Cap</p>  <p>PG36 PG29</p>	<p>TCL Two-Side Entry With Cap</p>  <p>PG36 PG29</p>
Code	HLK8/16BCL	HLK8/16OCL	HLK8/16TCL
Drawing	 <p>148, 165, 10, 6.4, 44, 70, 96, 23, 40, 57</p>	 <p>111, 141, 6.4, 32, 106, 120, 45, 99</p>	 <p>111, 141, 6.4, 32, 106, 120, 45, 99</p>
	<p>Panel Mounted & Mounting Hole</p>  <p>81, 117, 148, 70</p>	<p>The mounting panel does not open rectangular holes Drill four holes at center intervals</p>  <p>111, 4 - φ, 106</p>	

Unit: mm

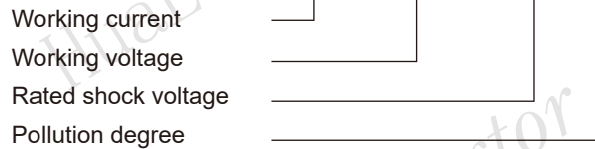
HLK6/6 Series

Technical Characteristics

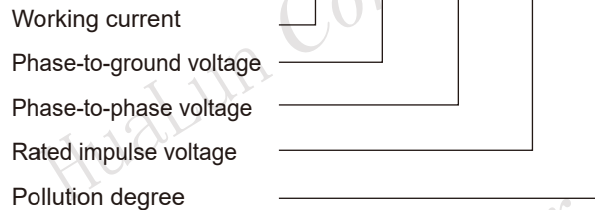
■ Inserts

Number of contacts: 6/6 +PE

Power area: 100A 690V 8KV 3



Signal area: 16A 230 / 400V 6KV 3



Pollution degree 2 also 100A 1000V 8KV 2

- Working voltage acc. to UL-CSA 600V / 300V
- Insulation resistance $\geq 10^{10} \Omega$
- Material Polycarbonate
- Temperature range $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- Flammability acc. to UL 94 V-0
- Mechanical working life -mating cycles ≥ 500

■ Contacts

Power area:

- Material Copper alloy
- Surface - silver plated $3 \mu\text{m Ag}$
- Contact resistance $\leq 0.5\text{m}\Omega$
- Screw terminal mm^2 16~35 mm^2
- AWG 16~6AWG

-Tightening/test torque

mm^2	16	25	35
Nm	6	7	8

Signal area:

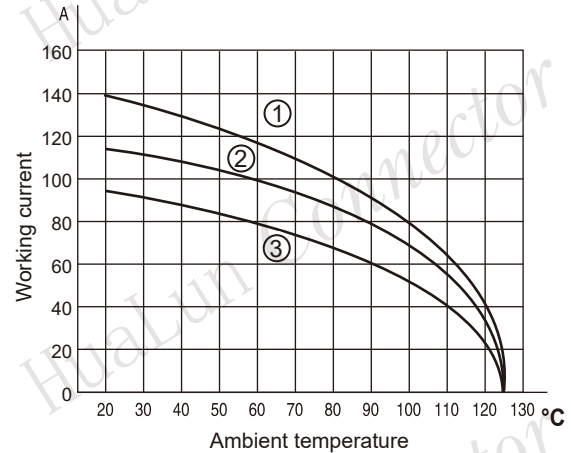
- Material Copper alloy
- Surface - silver plated $3 \mu\text{m Ag}$
- Contact resistance $\leq 3\text{m}\Omega$
- Screw terminal mm^2 0.2~2.5 mm^2
- AWG 24~13AWG

-Tightening/test torque 0.8Nm

■ Current Carrying Capacity

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

Current De-rating

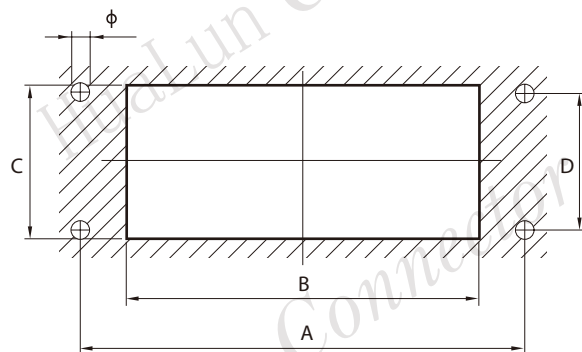


- ① Wire gauge: 35 mm^2
- ② Wire gauge: 25 mm^2
- ③ Wire gauge: 16 mm^2

■ Hoods/Housings


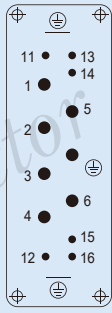
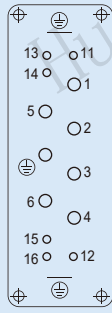

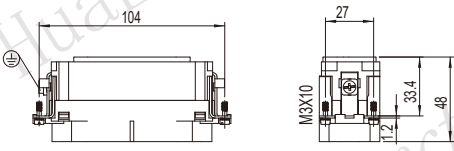
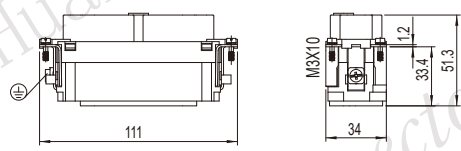
Same to HLE

Panel Mounted & Mounting Hole



Type	A(mm)	B(mm)	C(mm)	D(mm)	ϕ (mm)
HLK 6/6	130	108	35	32	4.4

— K Series Connector —

HLK6/6		690V 100A/16A	
P (Pin)	Contact arrangement View from termination side	S (Socket)	
<p>6/6P + ⊕</p>  <p>Part Number HLK6/6P</p>	<p>P</p> 	<p>S</p> 	<p>6/6S + ⊕</p>  <p>Part Number HLK6/6S</p>
	<p>Shell style see Page 81</p>		

K



TUV SUD



ISO9001

ISO14001

ISO45001



华伦连接器
HuaLun Connector

— K Series Shell style — K6/6 Code

Plug

Accessories see P98-100

Shell	SE Side Entry PG29	TE Top Entry PG29	TT Two-Top Entry PG21 PG16
	HLK6/6SE	HLK6/6TE	HLK6/6TT
Drawing			

Plug

Accessories see P98-100

Shell	SEL Side Entry PG29	TEL Top Entry PG29
	HLK6/6SEL	HLK6/6TEL
Drawing		

Receptacle



Shell	BH Bulkhead	
	HLK6/6BH	
Drawing		
	Panel Mounted & Mounting Hole	

Receptacle



Shell	BHL Bulkhead	BCL Bulkhead With Cap
	HLK6/6BHL	HLK6/6BCL
Drawing		

K