

Crimp

- 5 Contact
- Current: 16A

Q Series



HLQ

Technical Characteristics

■ Inserts

Number of contacts:	5+PE		
HLQ:	16A	230/400V	4KV 3
Working current	[Graph: 16A]		
Working voltage	[Graph: 230/400V]		
Rated shock voltage	[Graph: 4KV]		
Pollution degree	[Graph: 3]		
-Pollution degree 2 also	16A	320/500V	4KV 2

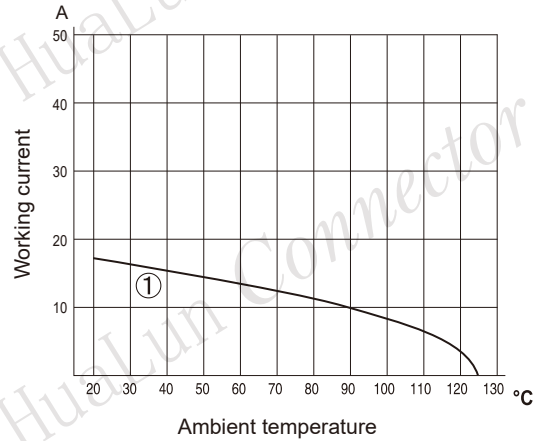
Working voltage acc. to UL-CSA	600V
Insulation resistance	$\geq 10^{10} \Omega$
Material	PBT
Temperature range	-40°C ~ +125°C
Flammability acc. To UL 94 V-0	
Mechanical working life -mating cycles	≥ 500

■ Contacts

Material	Copper alloy
Surface-silver plated	3 μ m Ag
Contact resistance	$\leq 1m\Omega$
Screw terminal mm ²	0.5~1.5mm ²
-Tightening/test torque	0.25Nm

■ Current Carrying Capacity

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



■ Hoods/Housings

Material	Die cast aluminium
Surface	Powder-coated
Degree of protection acc. to IEC/EN	IP65/IP67 60529 for coupled connector

P (Pin)	Crimp Pin	Wire Gauge (mm ²)	Ø mm	Strip Length mm	S (Socket)	Crimp socket
Part Number	DCP 0.5	0.5	1.10	8	Part Number	DCS 0.5
	DCP 0.75	0.75	1.30	8		DCS 0.75
	DCP 1.0	1.0	1.45	8		DCS 1.0
	DCP 1.5	1.5	1.75	8		DCS 1.5



TUV SUD



ISO9001

ISO14001

ISO45001



华伦连接器
HuaLun Connector

— Q Series Insert + Shell + Cable Gland — Q5 Code

Plug (Insert+hood) + Cable Gland

Shell (Hood)	PTEL Side Entry AG11 (Copper)	PTEL Side Entry VG11 (White)	PTEL Side Entry VG11 (Black)
Code	HLQ5PTEL-AG11	HLQ5PTEL-VG11	HLQ5PTEL-VG11
Drawing	 Insert	 View from termination side 5P+ ⊕	 Hood
	 5P+ ⊕	 5P+ ⊕	 Cable Gland


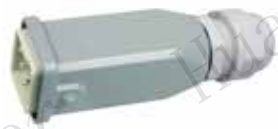

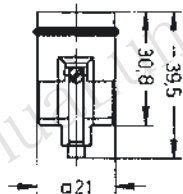

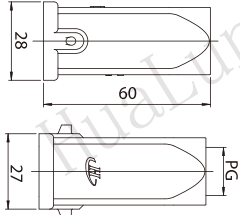
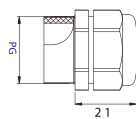
Receptacle (Insert+Housing) + Cable Gland

Shell (Housing)	SCCL Cable To Cable AG11 (Copper)	SCCL Cable To Cable VG11 (White)	SCCL Cable To Cable VG11 (Black)
Code	HLQ5SCCL-AG11	HLQ5SCCL-VG11	HLQ5SCCL-VG11
Drawing	 Insert	 View from termination side 5S+ ⊕	 housing
	 5S+ ⊕	 5S+ ⊕	 Cable Gland

Q




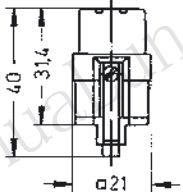
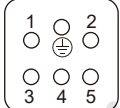
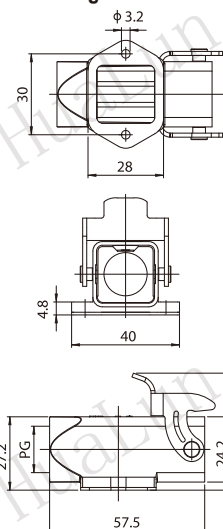
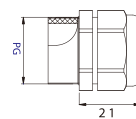
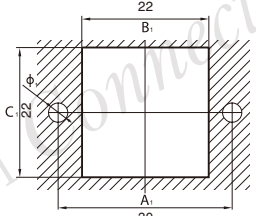
— Q Series Insert + Shell + Cable Gland — Q5 Code

Plug (Insert+hood) + Cable Gland

Shell (Hood)	PTEL Side Entry AG11 (Copper) 	PTEL Side Entry VG11 (White) 	PTEL Side Entry VG11 (Black) 	
Code	HLQ5PTEL-AG11	HLQ5PTEL-VG11	HLQ5PTEL-VG11	
Drawing		Insert View from termination side 5P+⊕ 	Hood 	Cable Gland 



Receptacle (Insert+Housing) + Cable Gland

Shell (Housing)	SOSF One-Side Entry AG11 (Copper) 	SOSF One-Side Entry VG11 (White) 	SOSF One-Side Entry VG11 (Black) 										
Code	HLQ5SOSF-AG11	HLQ5SOSF-VG11	HLQ5SOSF-VG11										
Drawing		Insert View from termination side 5S+⊕ 	housing 	Cable Gland 									
<p>Panel Mounted & Mounting Hole</p>  <p>Unit: mm</p> <table border="1"> <thead> <tr> <th>Type</th> <th>A₁(mm)</th> <th>B₁(mm)</th> <th>C₁(mm)</th> <th>φ₁(mm)</th> </tr> </thead> <tbody> <tr> <td>HLQ5</td> <td>30</td> <td>22</td> <td>22</td> <td>3.3</td> </tr> </tbody> </table>				Type	A ₁ (mm)	B ₁ (mm)	C ₁ (mm)	φ ₁ (mm)	HLQ5	30	22	22	3.3
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