# PCA-16-25MM2-2C-HL

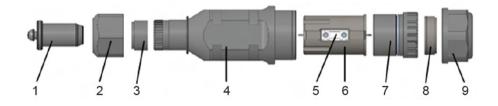


HELIAX® power adaptor, 2 Core DC Power Cable connection. Input Power Cable conductor size as 2.5mm2~25mm2 and Output Power Cable conductor size as 2.5mm2~16mm2. Shield contact size as 4~6mm2. Glands at both ends providing a IP67 weatherproof performance

#### Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America	
Product Type	Power adapter	
Product Brand	HELIAX®	
Product Series	PCA	
Dimensions		
Width	45 mm   1.772 in	
Length	140 mm   5.512 in	
Cable Outer Diameter	Input end: 20–25 mm   Output end: 10–14 mm	
Power Contact Size	I/P: 2.5–25 mm2 (copper)   0/P: 2.5–16 mm2 (copper)	
Shield Contact Size	4-6 mm <sup>2</sup>	

### Dimension Drawing



No.3 for cable OD 10 - 14 mm

No.8 for cable OD 20 - 25 mm

#### **Electrical Specifications**

70 A

Insulation Resistance, minimum

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1000 M0hm

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Voltage Rating	48 Vdc	
Withstand Voltage	300 Vdc @ 60 sec	
Material Specifications		
Contact Base Material	Copper alloy	
Contact Plating Material	Min 4µm Sn on 0.76µm Ni	
Housing Material	PA66   PC/ABS	
Mechanical Specifications		
Tensile Force	50 N   11.24 lbf	
Connecting Operations, maximum	5	
Locking Force	2.5 Nm for all cable glands	

### Environmental Specifications

Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Flammability Rating	UL 94 V-0
Ingress Protection Test Method	IP67



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