





UPS POWER CONNECTOR FACTORY – COMBINATION OF POWER CONNECTOR PA45 – ANEN

Short Description:



PRODUCT DETAIL

PRODUCT TAGS

RELATED VIDEO

FEEDBACK (2)

Well-run devices, expert profits group, and better after-sales companies; We have been also a unified huge family, everybody keep on with the organization worth "unification, determination, tolerance" for [Module Power Connector](#), [Adaptor Pin Connector](#), [Anderson Plug Terminals](#), Striving hard to attain continual success determined by high quality, reliability, integrity, and complete understanding of current market dynamics.

Ups Power Connector Factory – Combination of Power connector PA45 – ANEN Detail:

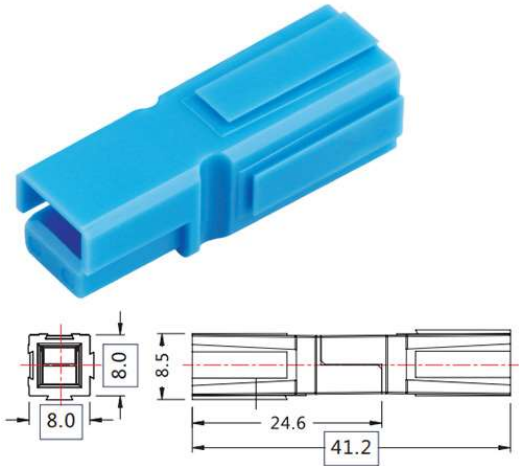
Features:

- A variety of colors design, material is UL 94V-0
- Contact Barrel Wire Size 10~20AWG
- A set of connector is made up of one housing and one terminal
- Voltage Rating AC/DC 600V
- Dielectric Withstanding Voltage 2200 Volts AC

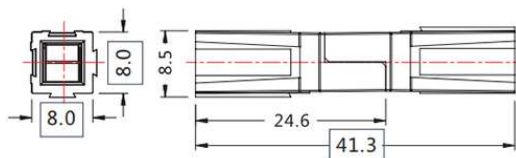
Technical Parameters:

Rated current (Amperes)	<45A
Voltage Rating AC/DC	600V
Contact Barrel Wire Size (AWG)	10-20AWG
Contact material	Copper, Plate with silver or Tin
Insulation material	PC
Flammability	UL94 V-0
Life	To 10,000
a. Without load (Contact/Disconnect Cycles)	20A
b. With Load (Hot Plug 250 Cycles& 120V)	
average Contact Resistance(micro-ohms)	<500μQ
Insulation Resistance	1000MQ
average, Connection&disconnect(N)	15N
Connector holding force (lbf)	150N Min
Temperature Range	-20°C~105°C
Dielectric Withstanding Voltage	2200 Volts AC

| Housing



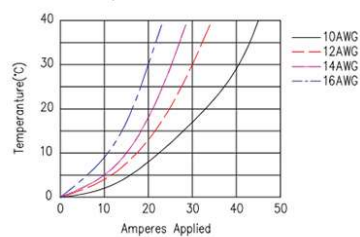
Part Number	Housing Color
PA45B0-H	Black
PA45B1-H	Brown
PA45B2-H	Red
PA45B3-H	Orange
PA45B4-H	Yellow
PA45B5-H	Green
PA45B6-H	Blue
PA45B7-H	Purple
PA45B8-H	Gray



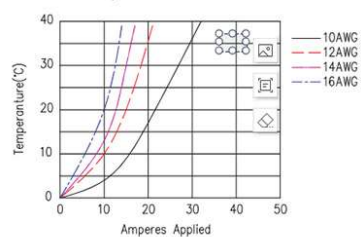
Part Number	Housing Color
PA45B0-HF	Black
PA45B1-HF	Brown
PA45B2-HF	Red
PA45B3-HF	Orange
PA45B4-HF	Yellow
PA45B5-HF	Green
PA45B6-HF	Blue
PA45B7-HF	Purple
PA45B8-HF	Gray
PA45B9-HF	White

| Temperature rise charts

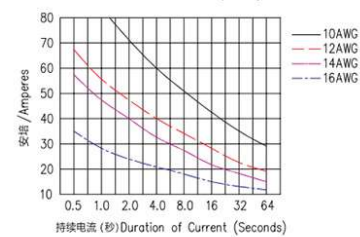
PA45单极/PA45 Singlepole
温升曲线 Temperature Rise at Constant Current



PA45多极/PA45 Multipole
温升曲线 Temperature Rise at Constant Current



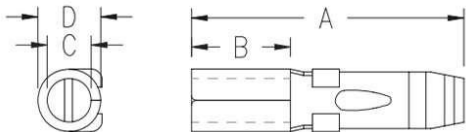
PA45多极/PA45 Multipole
脉冲电流/ Pulse Current Capability



| Grounding housing

| Terminal (Reel)

Part number	-A- (mm)	-B- (mm)	-C- (mm)	-D- (mm)	-E- (mm)	Wire	Plating
PA261G2-T	17.6	6.4	5.2	5.1	11.5	10/14 AWG	Tin
PA261G1-T	17.6	6.4	5.0	4.6	11.5	12/14 AWG	Tin

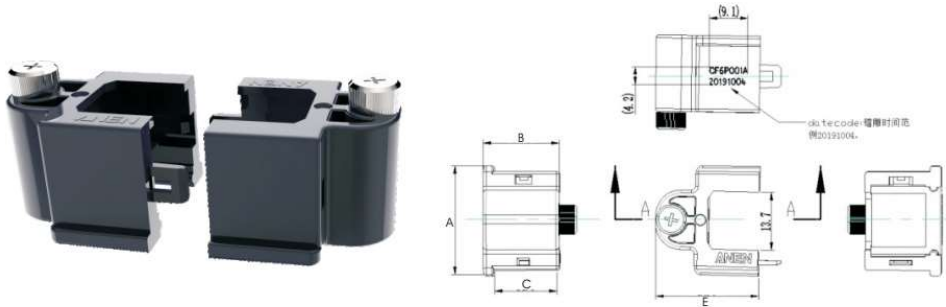


Part Number	-A- (mm)	-B- (mm)	-C- (mm)	-D- (mm)	Wire	Plating
PA1331-T	17,6	6,4	2,8	4,0	12/16 AWG	Ag

PCB Terminal Contacts

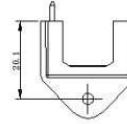
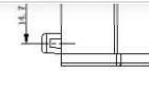
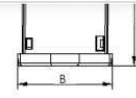
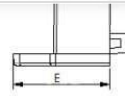
Part Number	-A-(mm)	-B- (mm)	Plating	-PCB Footprint
30/45BBS	54,7	56,0	Ag	See following page

6 fixed seats (M)



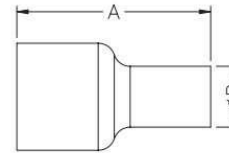
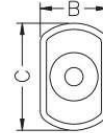
Part Number	Pole	-A-(mm)	-B-(mm)	-C-(mm)	-E-(mm)	Dosage
C,F,6PIN001A	6	25,8	18,1	14,8	24,5	2

6 fixed seats (F)



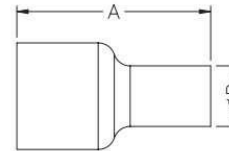
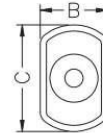
Part Number	Pole	-A-(mm)	-B-(mm)	-C-(mm)	-E-(mm)	Dosage
C.H.E6P002A	6	26,35	25,9	23,3	26,2	2

| 2Pole&3Pole Sheath



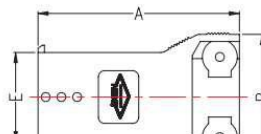
Part Number	Pole	-A-(mm)	-B-(mm)	-C-(mm)	-D-(mm)
PA117G5	2	38	12,0	18,3	11,0
PA117G6	3	40	11,0	25,0	11,0

| 2Pole&3Pole Sheath

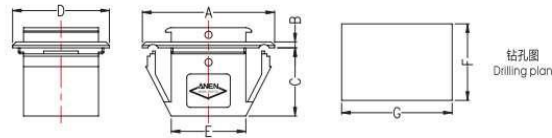


Part Number	Pole	-A-(mm)	-B-(mm)	-C-(mm)	-D-(mm)
PA117G5	2	38	12,0	18,3	11,0
PA117G6	3	40	11,0	25,0	11,0

| Housing without buckle

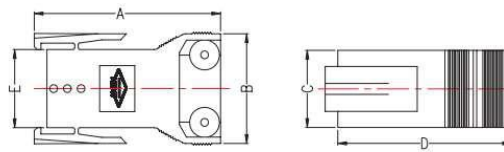


| Housing with buckle(short)



Part Number	Pole	-A- (mm)	-B- (mm)	-C-(mm)	-D-(mm)	-E-(mm)	-F-(mm)	-G-(mm)
PA1470G1	2,3,4	38	1.7	19,6	28	21,6	25,4	31,8
PA1470G2	5,6	46	1.7	19,6	28	30	25,4	41,2
PA1470G5	8	54,6	1.7	19,6	28	37,9	25,4	42,1

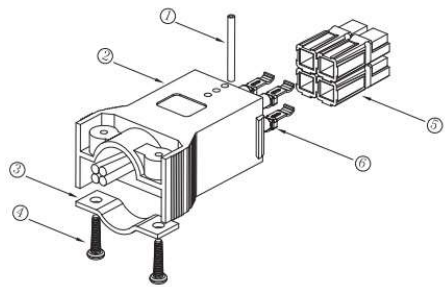
| Housing with buckle (Long)



Part Number	Pole	-A- (mm)	-B- (mm)	-C-(mm)	-D-(mm)	-E-(mm)
PA1470G3	2,3,4	53,0	31,5	21,5	49,5	22,0
PA1470G4	5,6	53,0	39,0	21,5	49,5	30,0
PA1470G6	8	53,7	46,9	21,6	50,0	37,9

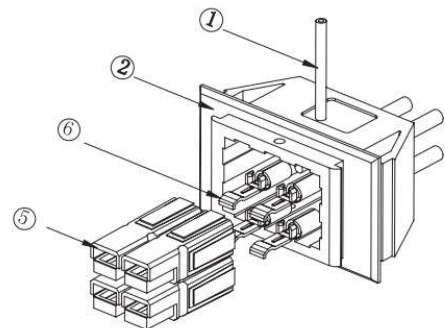
NEW PRODUCTS

Housing without buckle assembly sketch map

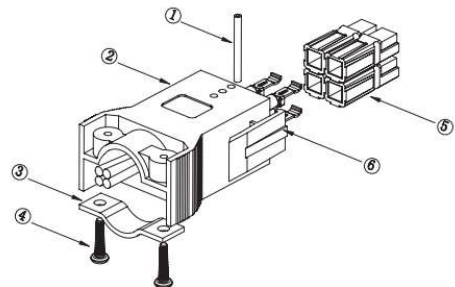


NEW PRODUCTS

Housing without buckle (short) assembly sketch map



Plug with buckle(long) assembly sketch map



Item	Product name	Part number							
		Housing without buckle		Housing with buckle short			Housing with buckle long		
		Four	Six	Four	Six	Eight	Four	Six	Eight
1	Bolt	PA110G9	PA110G9	PA110G9	PA110G9	PA110G9	PA110G9	PA110G9	PA110G9
2	Four six eight seat	PA1460G1	PA1460G2	PA1470G1	PA1470G2	PA1470G5	PA1470G3	PA1470G4	PA1470G6
3	Metal clip	PA115G1	PA115G2	N/A	N/A	N/A	PA115G1	PA115G2	PA115G3
4	Self tapping screw	PA115L1	PA115L1	N/A	N/A	N/A	PA115L1	PA115L1	PA115L1
5	housing	From page 10							
6	Connecting terminal	From page 12							

Product detail pictures:







ANEN[®]

Related Product Guide:

Our commission would be to serve our customers and clientele with very best excellent and aggressive portable digital products for Ups Power Connector Factory – Combination of Power connector PA45 – ANEN , The product will supply to all over the world, such as: Mexico, Lebanon, Sao Paulo, With the first-class products, excellent service, fast delivery and the best price, we have won highly praise foreign customers'. Our products have been exported to Africa, the Middle East, Southeast Asia and other regions.

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