Europlugs ELECTRIC SOCKETS

EURAPRA®

SASO CE

The NEW *Wonpro II* – **The Revolution after 25 Years**

EuraPra® : **EurAsia** Universal Powerstrips, Receptacles, Adapters

www.europlugs.com

- **EuraPra@ / *Wonpro II* - Always "Cool", 3-in-1**
  - The Revolution **after 25 Years** … **1989 vs. 2015**
- **Complete Redesign** – Three Major Patented New Innovations
  - **TruAmp Plug Adapter** (meet IEC 60884-2-5)
  - **Add Schuko Grounding**
  - **New Safety Shutters**
  - **Extreme High Quality**
- **Product Details**
  - **EAS/EA** - Universal Adapters (with & without safety shutters)
  - **eR4T** - Universal Sockets
  - **EAK** - All-in-One Adapter Kits
  - **WES** - Universal Power Strips (WES.eA6, WES.eT6)

Eurapra Patents

- **18 New Model Patents Awarded (10 years)**
- **3 Innovation Patents Pending (20 years)**

致：欧插进出口（厦门）有限公司

专 利 年 费 缴 费 通 知 单

序号	专利号	名称	类型	申请日	缴费项目
1	2013301111756	多用途插座	外观设计	2013.04.12	第三年年费
2	201330111322X	万用转换器	外观设计	2013.04.12	第三年年费
3	2013202518463	一种多用途插座	实用新型	2013.05.10	第三年年费
4	2013302985396	万用转换器（德标接地 EAS 系列）	外观设计	2013.07.01	第三年年费
5	2013304529754	USB 便携式万用转换器（EAKU）	外观设计	2013.09.23	第三年年费
6	2013304534019	便携式万用转换器（EAK）	外观设计	2013.09.23	第三年年费
7	2013206850477	一种适用于高负载的万用转换器	实用新型	2013.10.31	第三年年费
8	201320685676X（被提无效）	便携式万用转换器	实用新型	2013.10.31	第三年年费
9	2013302411419（被提无效）	旅行转换器基座（ASE 多用型）	外观设计	2013.06.08	第三年年费
10	2014301110940	电源转换器面板	外观设计	2014.04.29	第二年年费
11	2014302430359	多用途插座（EAN）	外观设计	2014.07.17	第二年年费
12	2014302430310	多用途插座（EL）	外观设计	2014.07.17	第二年年费
13	2014302430698	多用途插座（UPK）	外观设计	2014.07.17	第二年年费
14	2014302430607	多用途插座（EP）	外观设计	2014.07.17	第二年年费
15	2014304276932	排插	外观设计	2014.11.03	第二年年费
总计					

Eurapra® / Wonpro II – "Always Cool", 3-in-1

1. **TruAmp Plug Adapter** –**Direct Wiring with "No Extra Heat"**

   Direct Wiring is the only way to pass IEC 60884-2-5 Temperature Rise Test.
   Direct Wiring has one direct path from top to bottom, **every connection is riveted** to provide the tightest connection and thus **generate the least heat**.
   No common parts: A very expensive solution. Each model requires its own mold.
   WA, WAS old adapters use 1 common mold, very loose "layered connections".
   Loose contacts generate high resistant and **A LOT of Extra HEAT**.

2. **Add Schuko Grounding** – **"Non-Blocking" Design**

   Support Schuko Grounding, Block No Other Plug – still a true "universal socket"
   Solve the most annoying problem my brother could not solve in last 25 years
   More than 80% of Europe Population use Schuko plug/Socket

3. **New Safety Shutters** – **Next Generation "Perfect Design"**

   Cut the size with adapter with safety shutters such as **WAS** models by **HALF**
   Solve the extremely annoying US "Flat End" power pin insertion problem

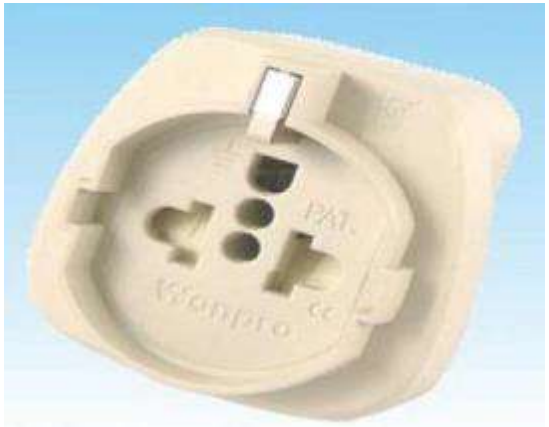
4. **Extreme High Quality** – **Products Made of Best Copper and Plastic**

   Copper Quality: See IEC 60884-2-5 Temperature Rise Test Report
   Plastic Quality: See "Burn Test" Pictures and 10 mins YouTube video

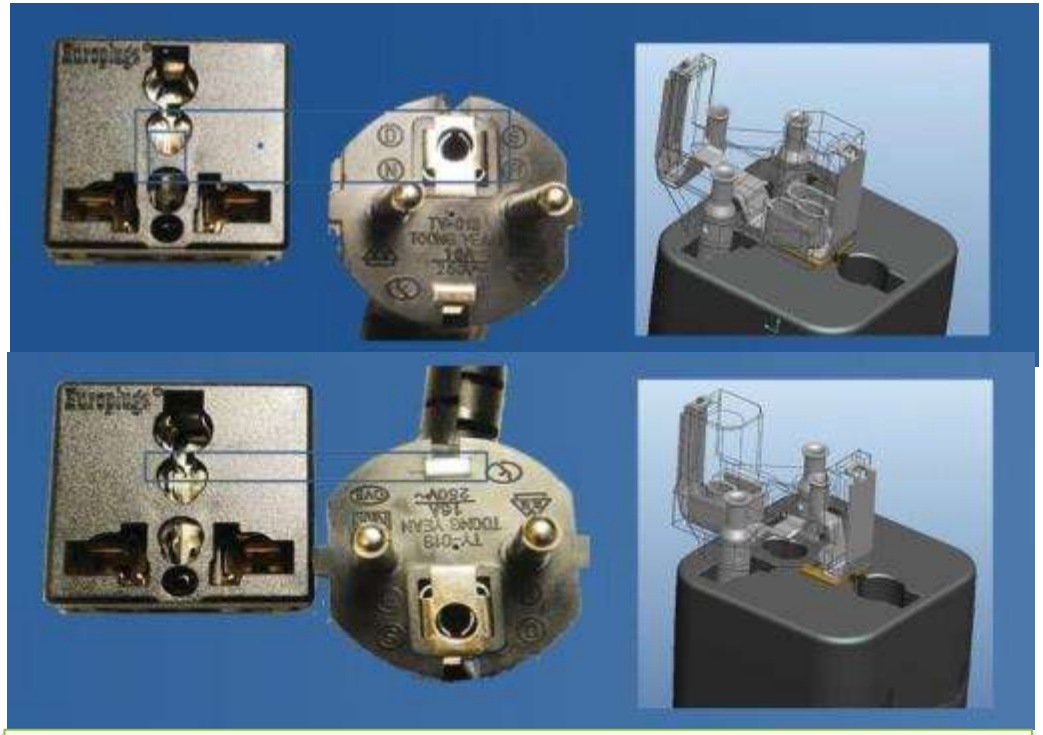
How was New Safety Shutters Invented? R4T-FAA

- To meet Aircraft FAA "inter-lock" requirement – only turn power on if there is a plug in the socket, we worked with a UK aircraft company to create a R4T-FAA prototype.
- We invented a solution to use a new "**sliding safety shutter**" to detect if there is a plug in the socket. Later on, our UK Partner dropped out after they lost their bid with Boeing.
- We continue to improve this very creative idea of a new safety shutter and then apply this idea to **cut the size of WAS by HALF** and to use it in many other products (including universal power strips, etc.)

How was “Schuko Grounding” Invented? A “Different” View!



Use an Extra Part: a Schuko Ground Pin Converter



Take a Different View → **Offer a Different Solution**

Product Summary

Apply the Same 4 Breakthrough Innovations to All EuraPra Universal Products

- **eR4T**: Universal sockets – with **Schuko Grounding**
- **EA**: Universal plug adapters – **always "Cool", 3-in-1**
  EP: Lower-end EP w/o safety shutters (US market)
- **EAK:** All-in-one kits – all **grounded**
- **eAx**: eA3, eA4, eA5, eA6, Most Compact. 1.5" spacing
  eTx: eT3, eT4, eT5, eT6(Tandem). UK side by side. 2.0" spacing
  4G *New Generation* Universal Power Strips

Executive Summary: 3-in-1 Adapters

Eurapra eR4T = Wonpro R4T + R4TS + RGF – All Defects

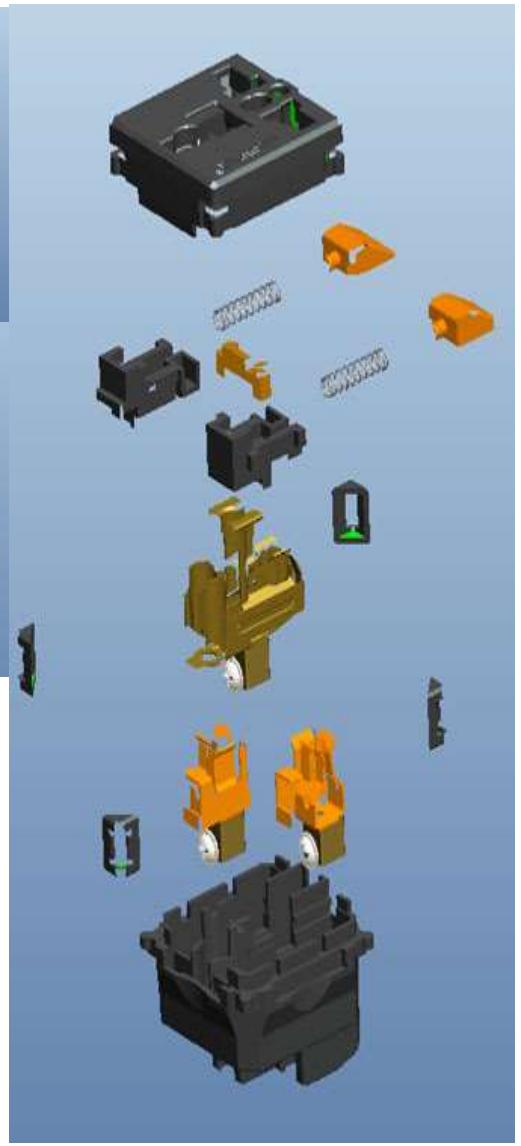
Eurapra EA = Wonpro WA + WAS + WASGF – Defects + SASO Super High Capacity

EP Adapters

eR4T – New Safety Shutter **Slide In**

Slide Out Old Safety Shutters - Half Inside, Half Outside

25 Years Old Design Makes WAS Huge, R4S Terrible

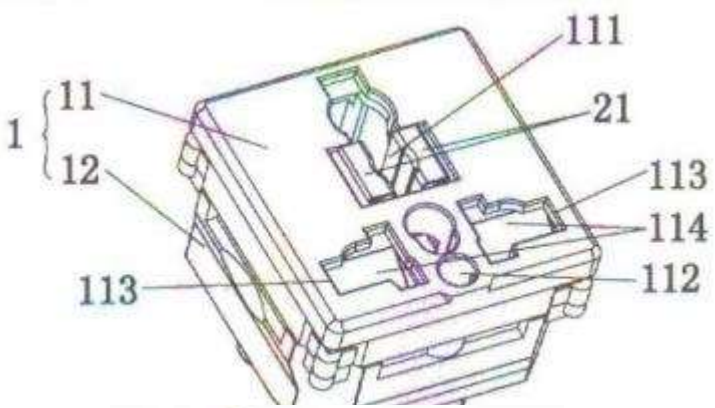


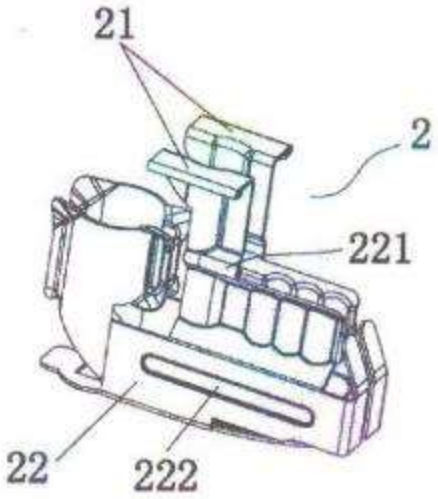
eR4T – Schuko Grounds

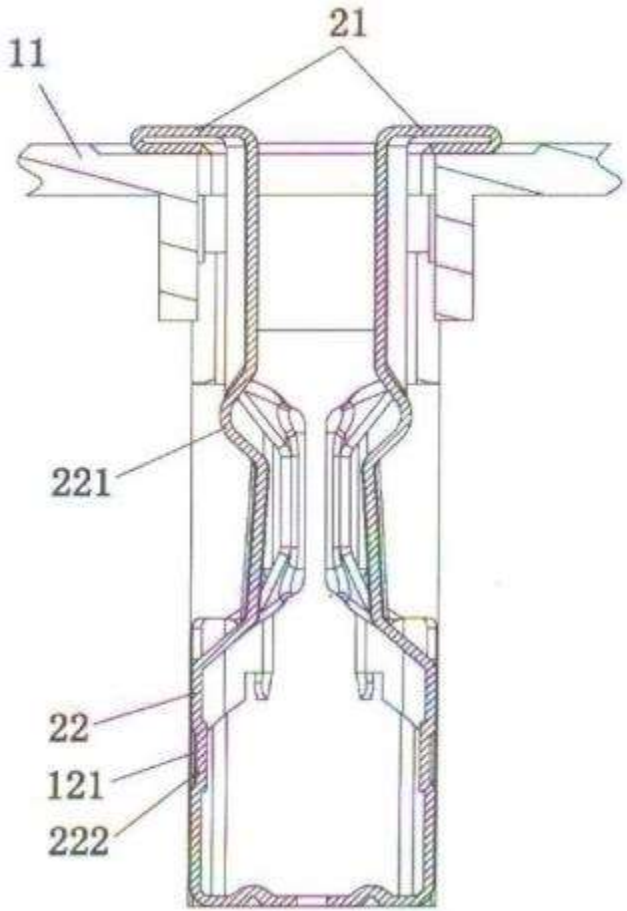
The Schuko Grounding circle contact area is smaller than the middle universal ground socket

"Out of Position" & "Out of Contact" are the two extremely challenges in this very creative innovation.

1. **"Out of Position": US, Denmark, Italy ground pins can push out the Schuko Ground metal**
   This problem is solved by the special metal shape design on the right drawing
2. **"Out of Contact": Other plugs can push the Schuko Ground metal down inside the hole**
   The new Safety Shutters push Schuko plugs toward the Schuko Ground metal

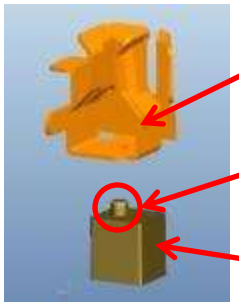


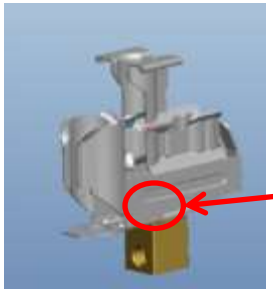




eR4T - Input L/N/E Connections

TruAmp: True IEC 20 Amp

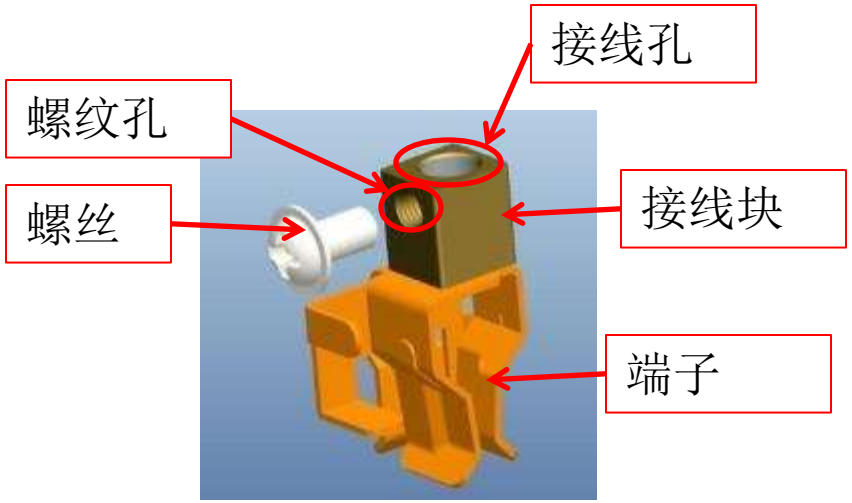




用接线块顶部的圆柱将L/N/E 端子铆牢。L/N/E端子与电源接线块直接铆接，接触性能好，减少内部阻值。温升效果良好

eR4T - Output L/N/E Connections

- L/N/E 电源连接



将导线插入接线孔，使用螺丝将其拧紧。L/N/E连接方式相同

TruAmp - NextGen Universal Plug Adapters

EAS_black

EAS_white

EA_balck

EA_white

1. Add Schuko Grounding
2. Add built-in safety shutters.
   Half of WAS adapter size
3. Meet IEC60884 temperature rise requirement.
   Will NEVER MELT: temp rise below 45K
   WA-5 temp rise above 100K after 15 mins
4. Color: White or Black

EA-5
Type B plug
15A 125V~
USA, Canada, Japan, Taiwan
10A 220V~
Philippines, Thailand, etc.
4.8 mm

EA-6
Type A plug
15A 125V~
USA, Canada, Japan, Taiwan
10A 220V~
Philippines, Thailand,

EA-7
Type G plug
13A 230V~
England, Middle East, Hong Kong, Singapore, Malaysia.

EA-9
Type E/F plug
16A 230V~
Cont. Euro
Germany,, France, Korea, Indonesia.
*4.8 mm*2*

EA-9C
Type C plug
10A 230V~
Europe (EU), China, Russia, Middle East, South America
*4.0 mm*2*

EA-10
Type D plug
10A 230V
India
5A 250V~
South Africa
7.0 mm
*5.0 mm*2*

EA-10L
Type M plug
15A 230V~
South Africa, India.
9.7 mm
*7.0 mm*2*

EA-11A
Type J plug
10A 250V~
Switzerland.
*4.0 mm*3*

EA-12A
Type L plug
10A 230V~
Italy, Uruguay.
*4.0 mm*3*

EA-12
(old) Type L plug
10A 230V~
Italy, Uruguay
*4.0 mm*3*

EA-14
Type H plug
10A 220V~
Israel.
*4.0mm*3*

EA-16
Type I plug
10A 230V~
Australia, New Zealand, China

EA-17
Type J plug
(ungrounded)
10A 230V~
Australia, New Zealand, China

EA-18
NEMA 6/15 plug
15A 250V~
USA
US Embassies
4.8 mm

EA-21
NEMA 6/20 plug
20A 250V~
USA
US Embassies
4.8 mm

EA-20
Type K plug
10A 230V~
Denmark.
6.0 mm
*4.9 mm*2*

EA-320
IEC 320 Adapter
10A 220V
Computer Equipment

EA-3
Wonpro Adapter
10A 250V~
L-Shaped.

1. Add Schuko Grounding.
   What an amazing CREATIVE INNOVATION!
2. Meet IEC60884 temperature rise requirement.
   Always COOL, Never Melt - Temp rise < 45K.
   WA-5 temp rise above 100K after 15 mins.
4. Color: White or Black.

EP-5
Type B plug
15A 125V~
USA, Canada, Japan, Taiwan
10A 220V~
Philippines, Thailand, etc.
4.8 mm

EP-6
Type A plug
15A 125V~
USA, Canada, Japan, Taiwan
10A 220V~
Philippines, Thailand,

EP-7
Type G plug:
13A 230V~
England, Middle East, Hong Kong, Singapore, Malaysia.

EP-9
Type E/F plug
16A 230V~
Cont. Euro
Germany,, France, Korea, Indonesia.
*4.8 mm*2*

EP-9C
Type C plug
10A 250V~
Europe (EU), China, Russia, Middle East, South America
*4.0 mm*2*

EP-10
Type D plug
10A 230V
India
5A 250V~
South Africa
7.0 mm
*5.0 mm*2*

EP-10L
Type M plug
15A 230V~
South Africa, India.
9.7 mm
*7.0 mm*2*

EP-11A
Type J plug
10A 250V~
Switzerland.
*4.0 mm*3*

EP-12A
Type L plug
10A 230V~
Italy, Uruguay.
*4.0 mm*3*

EP-12
(old) Type L plug
10A 230V~
Italy, Uruguay
*4.0 mm*3*

EP-14
Type H plug
10A 220V~
Israel.
*4.0mm*3*

EP-16
Type I plug
10A 230V~
Australia, New Zealand, China

EP-17
Type J plug
(ungrounded)
10A 250V~
Australia, New Zealand, China.

EP-18
NEMA 6/15 plug
15A 250V~
USA
US Embassies
4.8 mm

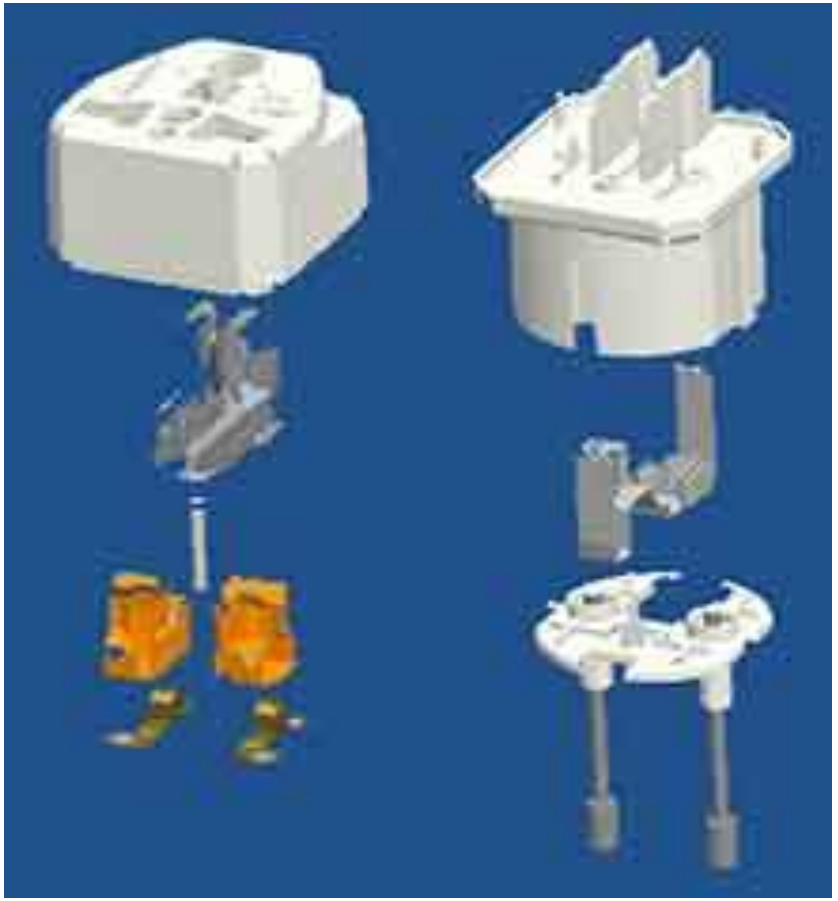
EP-21
NEMA 6/20 plug
20A 250V~
USA
US Embassies
4.8 mm

EP-20
Type K plug
10A 230V~
Denmark.
6.0 mm
*4.9 mm*2*

EP-320
IEC 320 Adapter
10A 220V
Computer Equipment

EP-3
Wonpro Adapter
10A 250V~
L-Shaped

WA-5: *Pressed* Contacts - 25 years old Technology



Had to tape the two free floating critical N/L Connectors

"Cost Saving" ground socket: 1 side, not 3 side U-shape socket

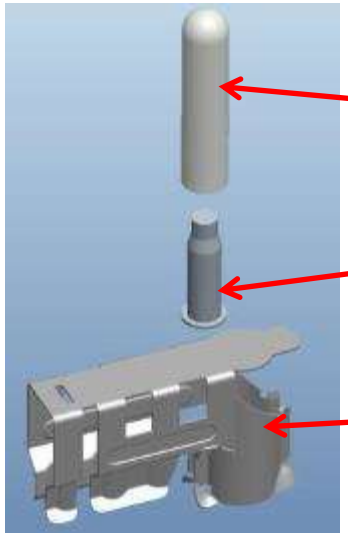
Material CUT up to 30% to compete after patent expired

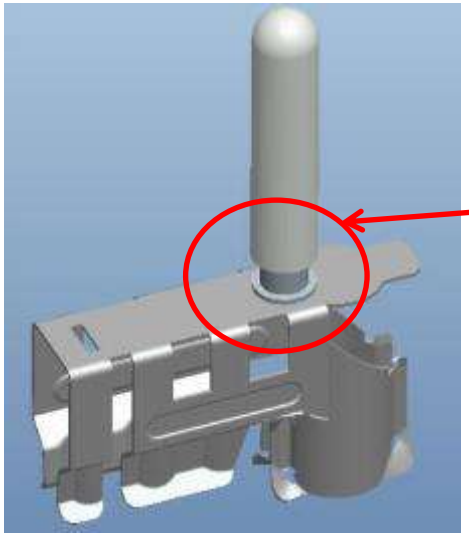
TruAmp Plug Adapter using Direct Wiring

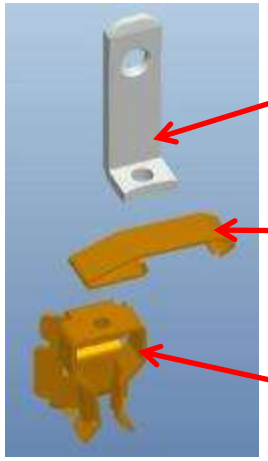
Every Model requires its own Mold

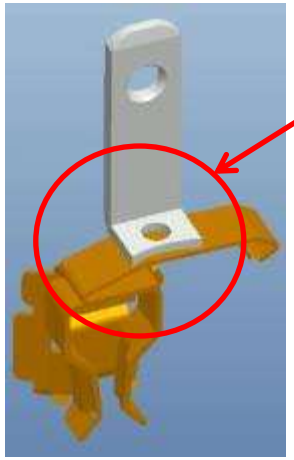
New 20 years Patent, Use Best Materials!

Loose Contacts, High Resistant, Generate too much Heat









- **All Loose Parts are PRESSED together (to reuse common parts)**

EAS - Major New Enhancements

- **TruAmp – Direct Wiring**

  Meet **IEC 60884-2-5** Adapter Temperature Rise Requirements

- **New Schuko Grounding**

  Solved the most annoying problem in Wonpro's last 25 years history

- **Half the Size of WAS**

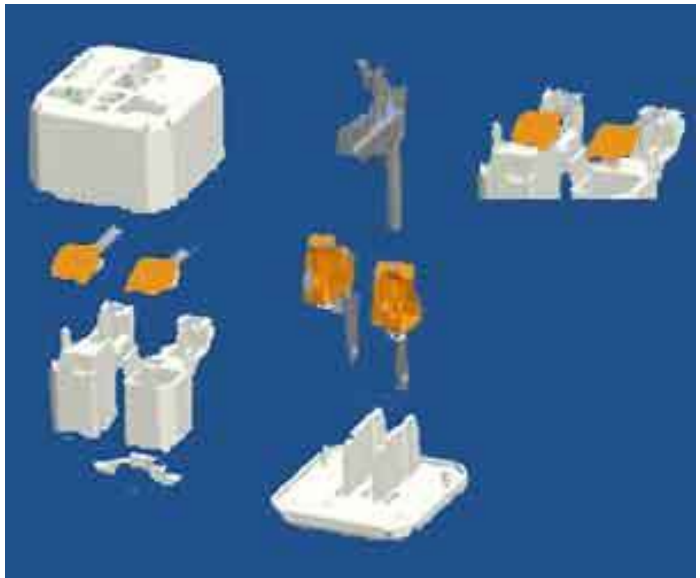
  WAS: Well Too Big, Too Ugly

- **Solved US Power Pin Problem**

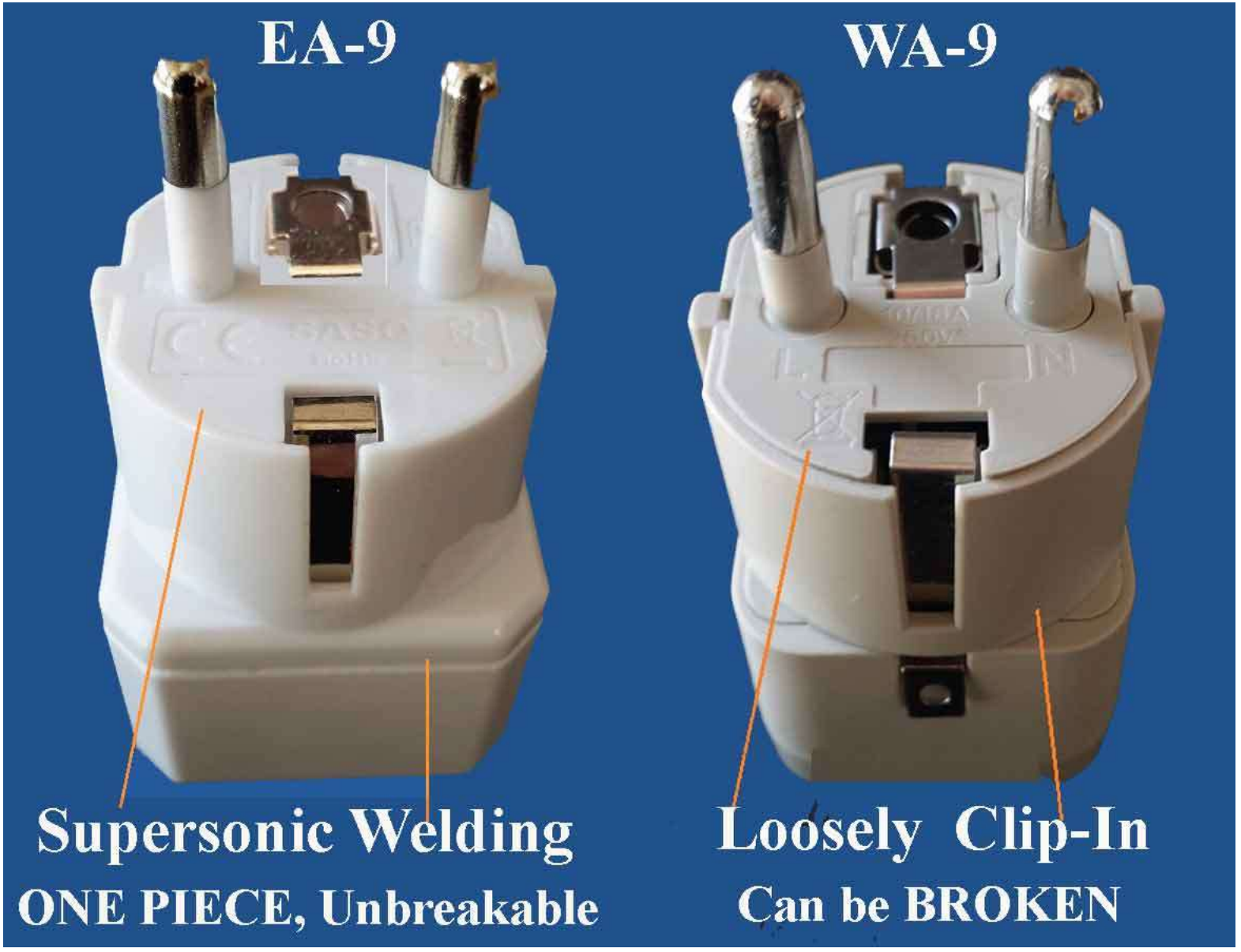
  We sold ZERO WAS adapters in US

EA – How To Cut WAS Size by HALF

The Magic is in New Safety Shutters – SLIDE IN, not SLIDE Out



Quality – EA-9 vs. WA-9



IEC 60884-2-5 Temperature Rise Requirements

IEC **60884-2-5:2006** Adapter Temperature Rise Requirements:

- Testing for **1 hour** and the temperature rise of the terminal and contacts is not exceed **45K**
- Less or equal to 10A, must test **1.4 times** rated current (of our Amperage marking) using 250V electricity
- Above 10A, must test **1.25 times** rated current (of our Amperage marking) using 250V electricity
- When applies to Universal Plug Adapters, this means:
  - 10 Amp Adapters: Test using 14 Amp
  - 13 Amp UK Adapter: Test using 16.25 Amp
  - 16 Amp Schuko Adapter: Test using 20 Amp
  - 20 Amp Adapter: Test using 25 Amp

UL 498A Adapter Standards

UL 496A - Adapter Standards

- Overload Test – Overload 50%
  - There shall not be any electrical or mechanical failure of the device
  - with insert / withdraw tests and current at 150% of rating

- Temperature Test – Test at Maximum Rated Current
  - Temperature rise of a device shall not be more than **30°C** (54°F)
  - when the device is carrying its maximum rated current, and
  - when temperature is stabilized with three consecutive readings taken at 5 minute intervals shows no further rise in temperature.

- **UL** – for US adapters **EA-5** and **EAS-5**
  - UL temperature rise requirement is very strict.
    Our EA-5 and EAS-5 (with safety shutters) and can pass at **25°C**.
  - UL certificate is very very complicated and very very expensive to get.
    We haven't decide on what to do with all European adapters.
  - Question: Does UL even makes sense for European adapters?

TruAmp - Direct Wiring "No Heat"
IEC 60884-2-5 Temperature Rise Test Reports

Temperature Rise Tests — must be less than 45K

Model Name	Rated Amp	Tested Amp	Tested Time	Temp Rise (K)
EAS-5, EAS-6 (125V) **(US)**	**15.0**	**18.8**	1 Hour	**36.3**
EAS-18 (250V) **(US)**	**15.0**	**18.8**	1 Hour	**36.3**
EAS-21 (250V) **(US)**	**20.0**	**25.0**	1 Hour	**43.2**
EAS-7 (UK)	**13.0**	**16.3**	1 Hour	**35.5**
EAS-9 (Schuko)	**16.0**	**20.0**	1 Hour	**36.1**
EAS-9C (EU)	**10.0**	**14.0**	1 Hour	**30.0**
EAS-11A (Switzerland)	**10.0**	**14.0**	1 Hour	**32.5**
EAS-12A (Italy)	**10.0**	**14.0**	1 Hour	**32.5**
EAS-16 (AU, China)	**10.0**	**14.0**	1 Hour	**23.8**
EAS, EA use Direct Wiring - every connection point is RIVETED, requires 20+ MOLDS				
WA, WAS, WASGF use the Same 25 Years Old Multi-Layered Design, All Have the Same DEFECT	**6.0**	**8.4**	1 Hour	**44.8**

On IEC 60884-2-5 Temperature Rise Test Report

1. **We use 4 US plugs to demonstrate our technical superiority on meeting IEC 60884 temperature rise requirements.**
   EAS-5, US NEMA 5/15P adapter (Type B, grounded): 15 Amp, 125V
   EAS-6, US NEMA 5/15P adapter (Type A, ungrounded): 15 Amp, 125V
   EAS-18, US NEMA 6/15P adapter: 15 Amp, 250V
   EAS-21, US NEMA 6/20P adapter: 20 Amp, 250V
2. **Please note that IEC 60884 Temperature Rise is only driven by Amperage.**
   Voltage (110v, 125v, 220v, 230v, 250v, etc.) has nothing to do with temperature rise test.
3. **In all the Adapters, US NEMA 6/20R receptacle has the highest Amperage: 20 Amp.**
   EAS-21 is designed to be used with US NEMA 6/20R socket.
4. **But, since EAS-21 is an adapter, the plug which it can convert to use this NEMA 6/20R 20 Amp socket and draw the most amperage out of it is the 16 Amp Schuko plug.**
5. **In other words, we only need to test EAS-21 against 16 Amp rating (overload tested by 20 Amp electricity). In order to demonstrate our new direct wiring internal interconnectivity, we went ahead and tested EAS-21 against 20 Amp rating (overloaded tested by 25 Amp). This is an very high theoretical Amperage which will never be used in real world application. But, as shown in the table, we still PASS this extremely high IEC 20 Amp rating requirement. After one hour of 25 Amp overloaded testing, its temperature only rose 43.2K (please note that temperature increased by 43.2 Kevin degree is the same as increased by 43.2 Celsius degree).**

On YouTube “Plug Adapter Burn Test”

US Electricity Standard is **15A**, 125V.
WA-5 and WA-6 are rated **10A**, 250V.
which is **NOT** following US Standards.

Even with this incorrect **LOW** Amp rating,
when applying IEC 60884 one hour testing,
WA-6 started to **MELT** within **5 Mins**.
(Ground has no electricity in mormal usage)

The real IEC rating of the 25 years old WA, WAS adapters are **6 Amp**.

We have done a separate IEC temperature rise test. But, for self-protection, the test machine automatically shut down when the overall temperature reaches 140 degree Celsius (in this test rises above 110 degree Celsius) and the old adapter started melting. To overcome this limit, we created this burn tests for 2 purposes:

1. **Finish the above overheat testing when the temperature keep rising well above 110 degree Celsius, and find its way to spread the heat to its plastic so that see how bad the plastic melting problem will be.**
2. **Fire resistance test to see the dramatic different quality of materials used.**

YouTube: https://www.youtube.com/watch?v=lwq4oOPHqek or “plug adapter burn test”

YouTube: Search "plug adapter burn test"

Old Adapter 1

5 Sec: Caught Fire

30 Sec: Entire Adapter On Fire

60 Sec: Entire Adapter Melted

Old Adapter 2

5 Sec: Caught Fire

30 Sec: Entire Adapter On Fire

60 Sec: Entire Adapter Melted

New Adapter

5 Sec: Some Black Mark

30 Sec: More Black Mark, No Fire

60 Sec: Little Damage Where Fire is Directly Touched

YouTube: Search "plug adapter burn test"

Old Adapter 1

5 Sec: Caught Fire

30 Sec: Entire Adapter On Fire

60 Sec: Entire Adapter Melted

Old Adapter 2

5 Sec: Caught Fire

30 Sec: Entire Adapter On Fire

60 Sec: Entire Adapter Melted

New Adapter

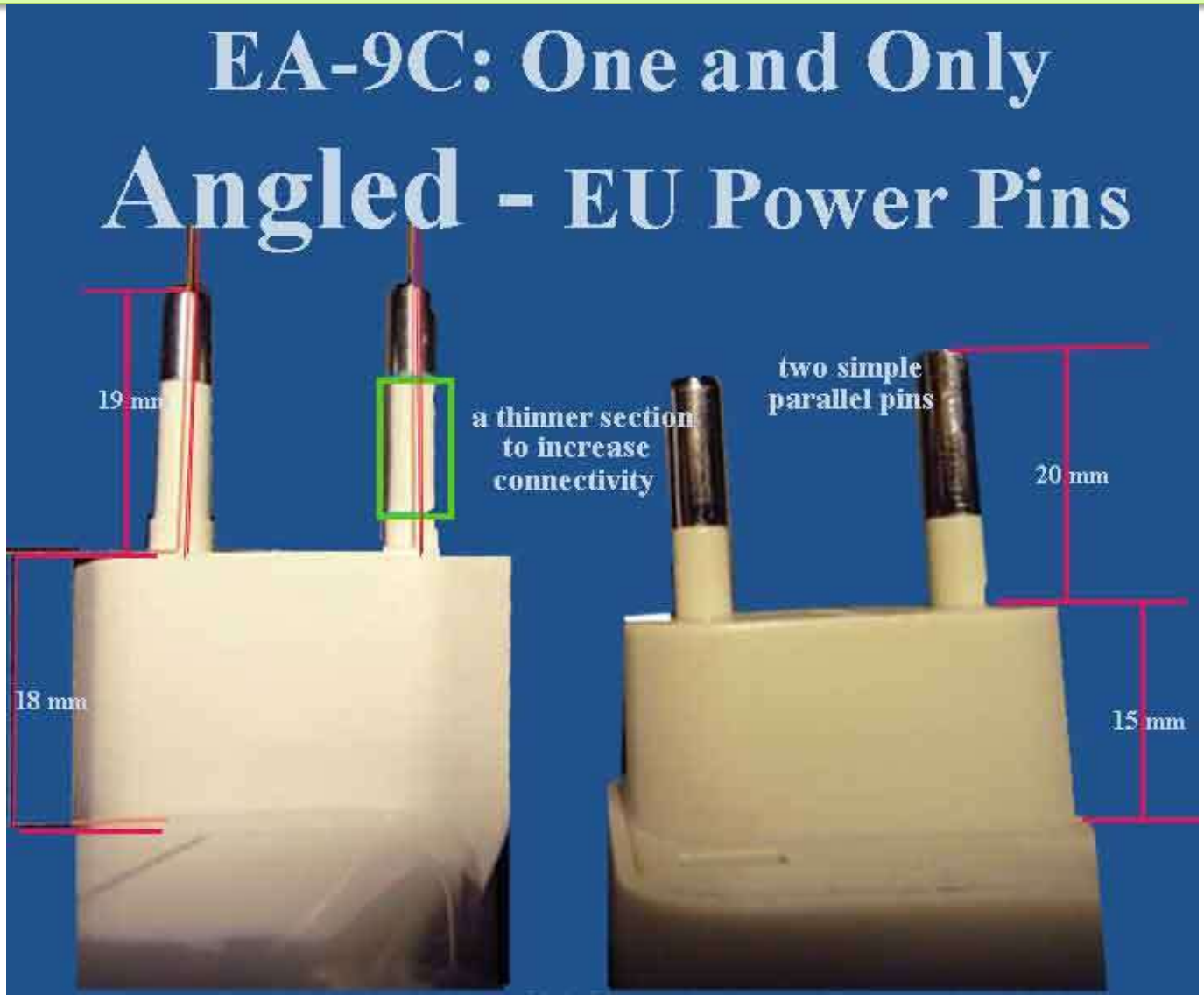
5 Sec: Some Black Mark

30 Sec: More Black Mark, No Fire

60 Sec: Little Damage Where Fire is Directly Touched

Strictly Follow Standards – TruAmp

- **AU Power Pin with correct thickness – Supplier MOQ: 2 Million Sets**
- **EU Power Pin Issue – Follow EU Specifications**



EA-5 – "One Piece" Design

- **"One Piece" – Direct Wiring**

  Every Model is Specifically Designed and

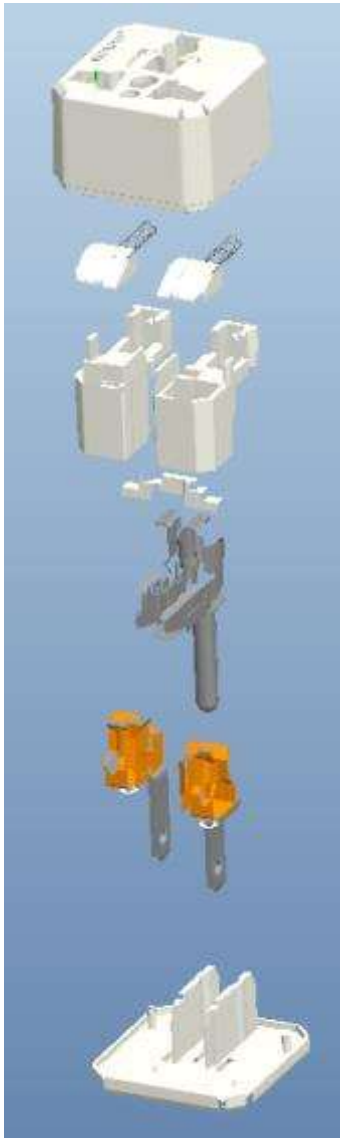
  Built with Its Own Molds – Hard to Counterfeit

- **"No Common Part" – Not a Layered Design**

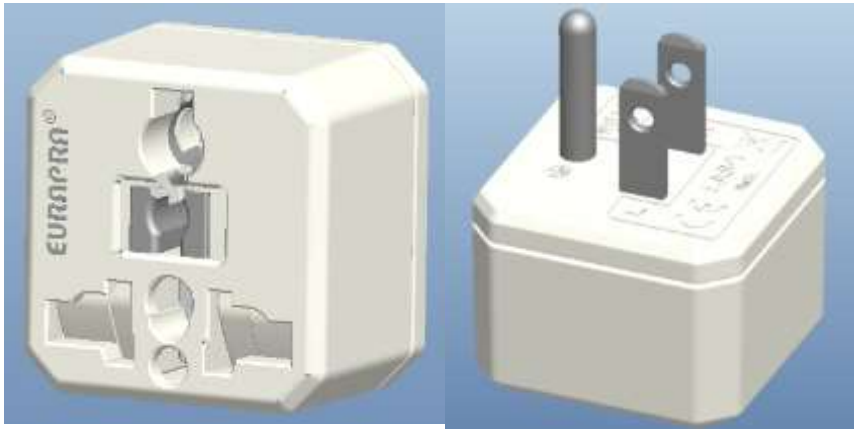
  The 25 Years Old Cost Saving Design Failed Miserably

  The Only Significant Changes in Wonpro's 25 years history

- **"EP" – "EA" without Safety Shutters, for US market**



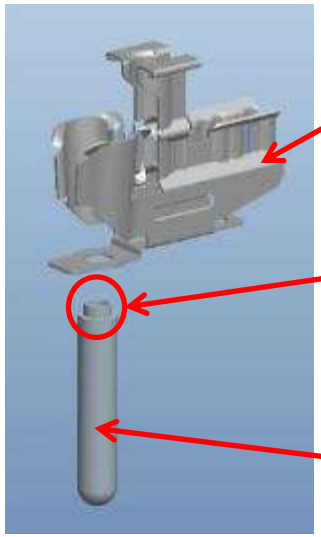
EA



EP

EA-5 – "No Heat" L/N/E Direct Wiring

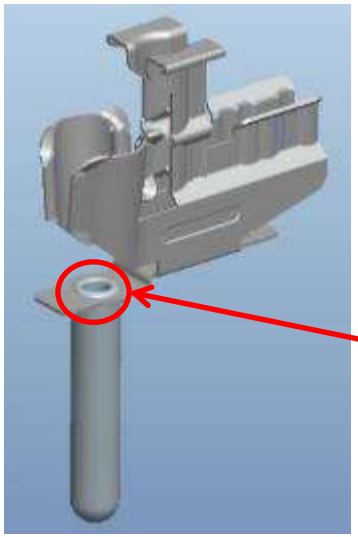
- **EA, EP – RIVET All Contact Points, Not Simply PRESSED Together**



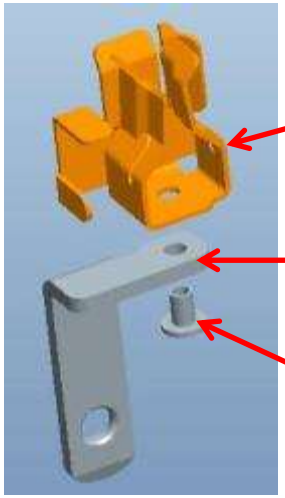
地线端子
(Output)

插脚自身预留翻铆功能，无需独立铆钉。

美标地线插脚（实心）（Input）



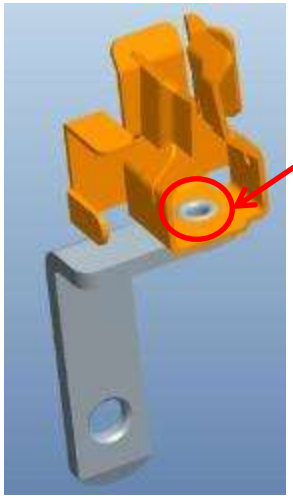
翻铆完成。7#脚板的地线插脚，采用与此相同的连接方式。



L/N端子（输出端）

美标L/N插脚（输入端）

独立铆钉

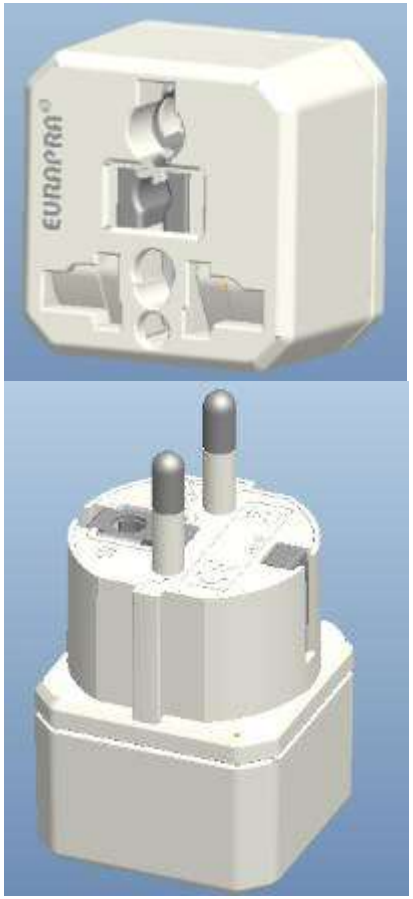


翻铆完成

采用输入端（Input）与输出端(Output) 翻铆的连接方式导电，温升低、负载高。6、16#脚板的L/N插脚，采用与此相同的连接方式。

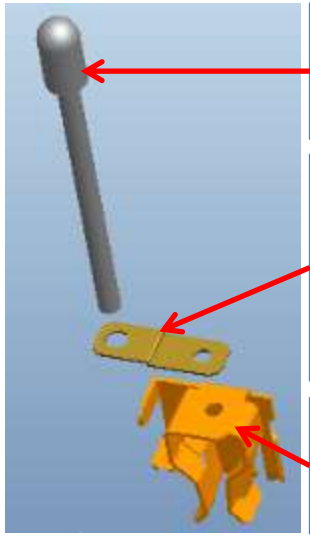
EA-9 Internal Connections

The Most Challenging One …



EA-9 - Most Complicated Direct Wiring

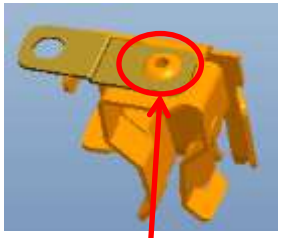
- **Extra Transition Metals, Can only Rivet SOLID Copper**



L/N插脚（实心）（Input）

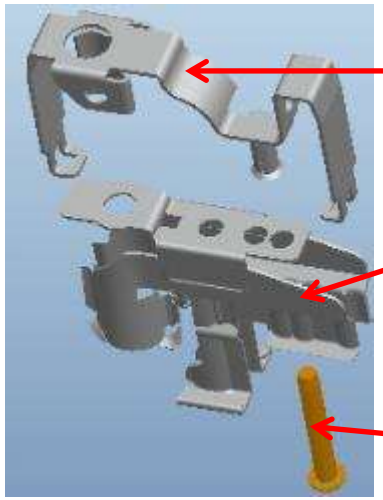
导片（由于Input和Output位置不对齐的关系，需要加导片进行连接）

L/N端子（Output）



先将导片与L/N端子翻铆

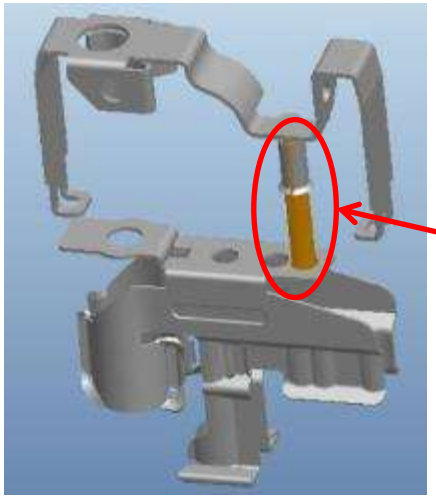
再将L/N插脚与铆有L/N端子的导片翻铆。9C脚板采用与此相同的连接方式。



德国标准地线（Input）

地线（Output）

独立铆钉

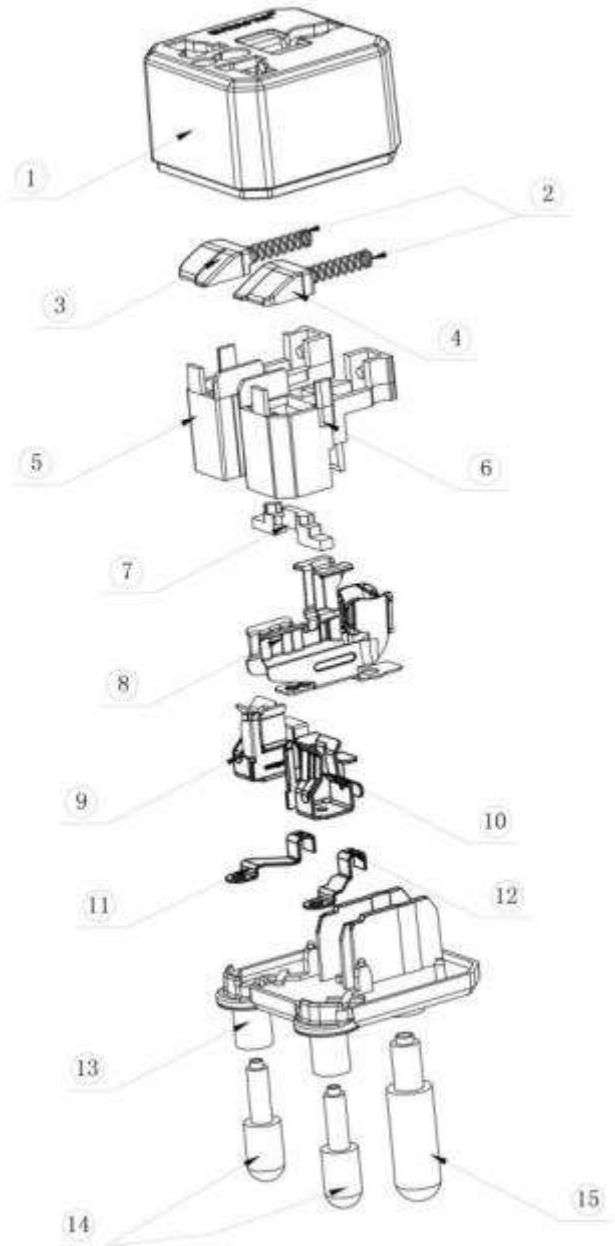


利用独立铆钉将Input和Output的两个地线打铆在一起。

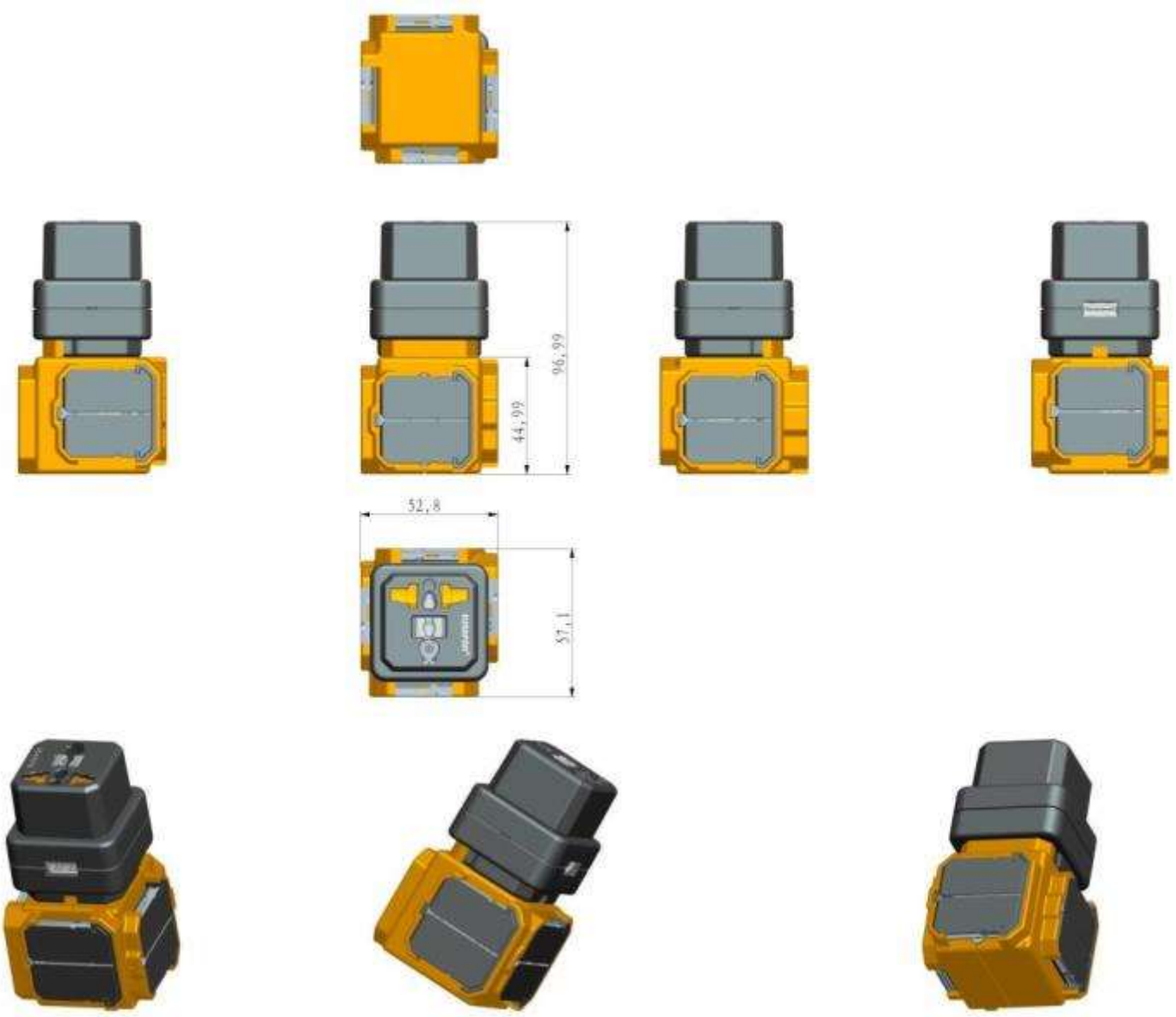
由于EA-9内部的五金件很多，并且为了实现翻铆，L/N插脚都做成实心的，长度也需要比普通更长，是成本高的主要原因。

EA-10L - Most Compact South Africa Plug

- **The Most Compact Design**
- **South Africa has declared Schuko Plug illegal to use in South Africa**
- **South Africa will transit to use Swiss outlet and Swiss plug in the next 20 ~ 30 year**



EAK - “Pyramid” All-In-One Adapter Kit



EAK "Pyramid" Packaging

Main Adapter:

EAK: 25.4 mm

EAKU: 51.9 mm (double)

(EA-7: 25.5 mm)

EAK vs Competitors – *Grounded*

height: **84.3** mm **96.7** mm - 14.7% Taller (12.4 mm taller)

height: **84.3** mm **77.3** mm - 12% Shorter (10 mm shorter)

EAK – Leather and Nylon Cases

Leather Case

EAK-L5

EAKU-L5

Nylon Case

bottom layer

EAK-N5

Using Competitor's Case: Same Size

EAU – AC + USB Adapters

- 10 Amp with Detachable plug: Temperature rise 45K – "Detachable" Acceptable?
- 13 and 16 Amp require Direct Wiring – "**One Pressed Contact**" will exceed 45K

First Generation

Second Generation

Third Generation

Fourth Generation

eAx Series: Compact, Cannot Take UK Plugs Side By Side

EURAPRA®

WES.eA6

5,050 Joules

(4,000CBS+1,050MOV)

4,000W MAX

16A 250V ~

CE SASO RoHS2

eA3

eA4

eA5

eA6

eTx Series: UK Friendly - Can Take UK Plugs Side By Side

eT3

eT4

eT5

eT6

Tandem Universal Power Strips

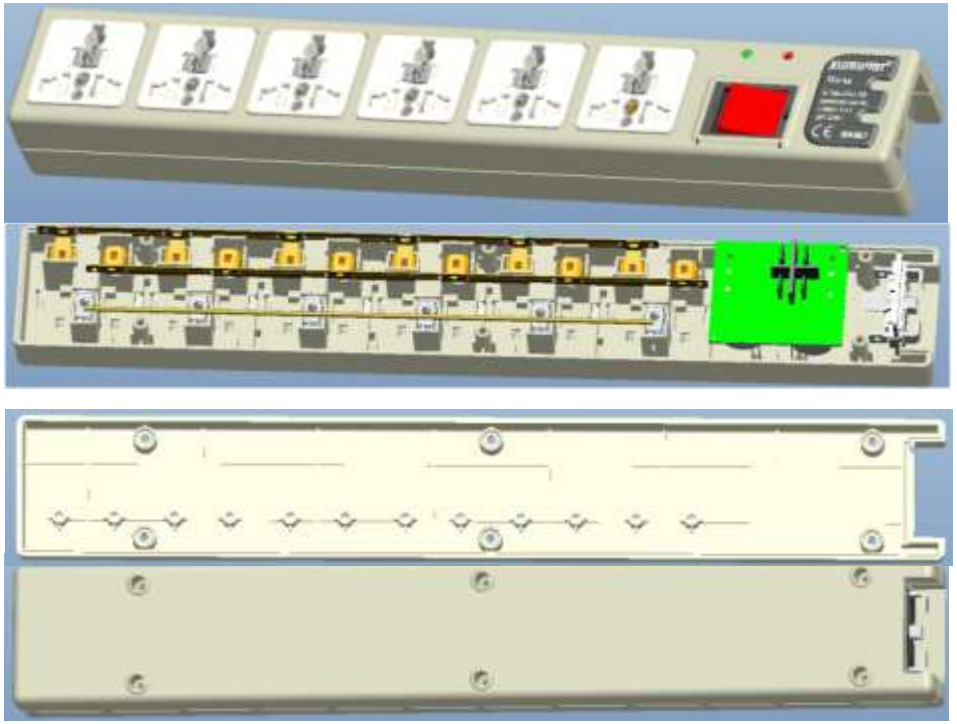
Power Bars can be daisy chained as many times as you need

A6 Power Strip – 3G

- Very Popular **COMPACT** Universal Power Strips in US, Just Not for UK Plugs, etc.
- Current Design **Can't Pass IEC** Temperature Rise Test
- No Schuko Grounding – the most annoying problem in the last 25 years
- No Surge and Ground LED Indicators
- We Opened up the **New Swiss Socket** on the Top

WES.eA6 Universal Power Strip - 4G

- Remove "**R4 Casing**", Remove "**R4 Layered Contacts**"
  Direct Wiring is the only way to **pass IEC** Temperature rise requirement
- The **New Safety Shutters** push the Schuko Plug toward the **Eurapra Schuko Grounding** Metal. Drastically tighten their **Contact** and thus their **Conductivity**
- The only universal power strip in the world uses sophiscated **IC board** to provide critical **intelligent** information through **Two LED lights**
- All components are on the upper Case. **Bottom Case is EMPTY**, has nothing.



L330*W50*H37mm

Features:

1. **Double Pole Switch** – can cut off ALL electricity
2. **MOV** LED Light: **Red light**, **always on** when MOVs are not burned out.
   - No automatic shutdown even after MOVs are burned out; i.e., let customers decide if they want to continue to use this power strip without MOV or not

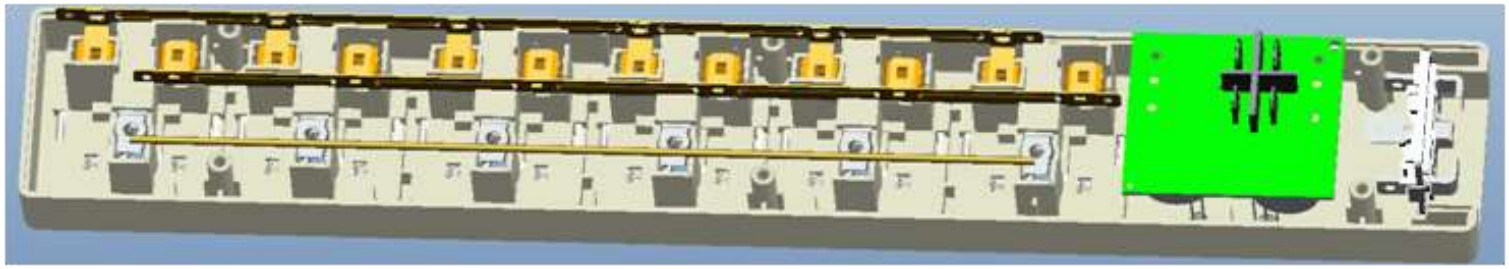
   Ground LED Light:

   220 Volt with Ground: **Green Light**

   110 Volt with Ground: **Yellow Light**

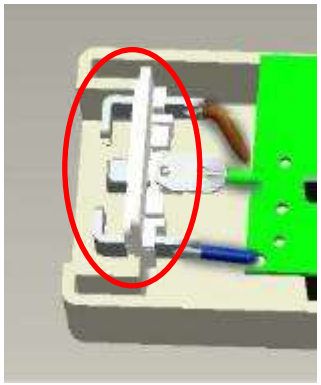
   No light mean no Ground.
3. **250V~ 16Amp** – well above 10Amp capacity
4. **Can't take UK plug side by side**

eA6 Internal Connections



内部使用导线焊锡或导线上打铜带用‘点焊’的 方式连接。
导线规格：1. 直径1.5mm单股实心铜导线（连接L/N/E端子）；
2. 截面积1.5mm²的多股线芯铜导线（连接PCB板） 。

eA6 Power Cord Connection



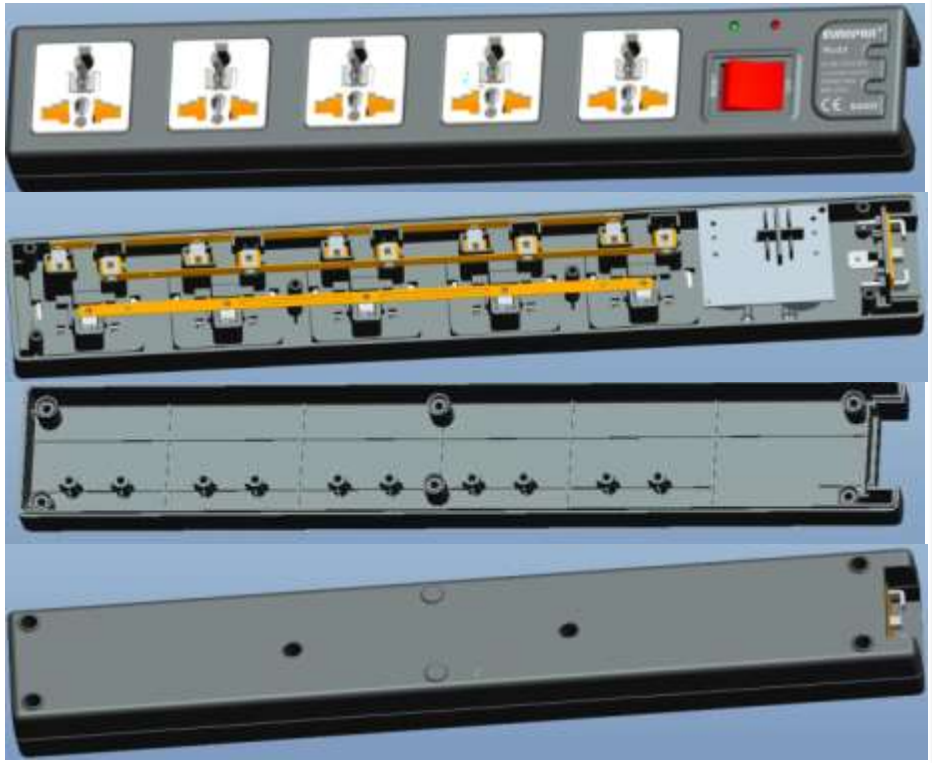
1.使用可拆式电源线，可替换多国电源线。
2、也可做固定式电源线。

T5 Universal Power Strip – 3G

- **No German Grounding** – the most annoying problem in the last 25 years
- Old Safety Shutters NOT Good for Our New German Grounding
- **Too Big** – because of the Old Safety Shutters

eT5 Universal Power Strip – 4G

- Same Functionalities as WeA6 except it has **2.0" center-to-center spacing** and thus can take **UK plugs** side by side without losing a socket.
- Will offer **3, 4, 5, 6** outlet version. The **New Safety Shutters** makes its width much **Smaller**. The 6-outlet WeT6 will have an extra **Tandem** connector at the end.
- All components are on the upper Case. Bottom Case is EMPTY, has nothing.



L335*W54*H37mm

Features:

1. **Double Pole Switch** – can cut off ALL electricity
2. **MOV** LED Light: **Red light**, **always on** when MOVs are not burned out.
   - No automatic shutdown even after MOVs are burned out; i.e., let customers decide if they want to continue to use this power strip without MOV or not

   Ground LED Light:

   220 Volt with Ground: **Green Light**

   110 Volt with Ground: **Yellow Light**

   No light mean no Ground.
3. **250V~ 16Amp** – well above 10Amp capacity
4. **Can take UK plug side by side**

Old Power Strip

15 Sec: Caught Fire

Less Than 1 Min: Melting

2 Min: Entire Socket Melted

3 Min: BIG BIG FIRE, Strip Burned Into 2 Parts

New Power Strip

30 Sec: Caught Fire

1 Min: Small Fire at Point of Direct Contact

2 Min: Small Hole at Point of Direct Contact

3 Min: Bigger Hole at Point of Direct Contact

4G WES.eA ("eA") Enhancements

Most Compact design, 1.6" socket spacing, Can't take UK plug side by side

1. **All of our new universal power strips will be CE certified and RoHS 2 certified.**
2. **Update to use the new WAbc universal socket:**
   'b': It will take Brazil's new **Type N** BR-2 and BR-3 plugs
   'c': Correct the N-L reversal problem with the Swiss plug
   ("CH" is the two character country code for Switzerland)
3. **Applied the new Schuko Ground Support to the new eA series**
   This is our latest and greatest **Innovation** (20 years innovation patent pending)
   Our universal power strips are the only one will not lose Schuko grounding when used with Schuko electrical devices.
4. **Replaced the R4 sockets with an Open Circuits**
   Build a power strip the right way, not the "lazy" way.
5. **Applied the new Safety Shutters**
   This is our latest and greatest **Innovation** (20 years innovation patent pending.
   The new **eA** power strips now meet the European Safety standards.
   Fixed the very annoying "safety shutters" problem for "US Flat-End" plug
6. **Add an Intelligent IC Board - the only universal power strip has this feature**
   Our universal power strips are the only one with **built-in IC board** to protect MOV surge protection and to support LED lights indicators.

4G WES.eA ("eA") Enhancements

7. **Add a Ground LED light, a MOV LED light - now it is an Intelligent universal power strip!**
   Enable you to tell if the MOV is still working (not burned out by a surge yet). If the MOV surge protection is burned out, you have the option to decide to continue to use this power strip or to throw them away - in the old model, you have no way to tell if the MOV is burned out or not.
8. **Increase MOV surge protection from 450 Joules to 1,050 Joules - on IC Board**
   "! We are the pioneer to add MOV surge protection to universal power strips!
   And we do it the right way – No "**MOV Explosion**
   To prevent "**MOV Explosion**", we add an extra fuse on IC Board to protect MOVs.
   Adding MOV to the open circuit without protecting fuse, not on an IC Board, actually add more **Hazard** to a power strip - "MOV Explosion" can start a big **FIRE**.
9. **Double-Pole On/Off RESET button, increase Thermal Surge Protection from 2,000 Watts to 4,000 Watts**
   Double-Pole switch can **completely cut off the electrical current** when it is turned off. Single-Pole switch cannot!
   This effectively upgrades our surge protection rating to **5,050 Joules**
   (4,000 joules in CBS + 1,050 joules in MOV).

6. **Add an Intelligent IC Board - the only universal power strip has this feature**
   Our universal power strips are the only one with **built-in IC board** to protect MOV surge protection and to support LED lights indicators.

4G WES.eA ("eA") Enhancements

10. **Add 4-oulet eA4 and 5-outlet eA5 to complete this series**
    This was a great decision. Warner Bros loved our 4-outlet eA4 model, they bought thousands of **eA4** with various country specific cords right after they saw our pre-production samples. Clearly there is a large demand for 4-outlet and 5-outlet **eA** power strips.
11. **Use the highest quality material**
    Upgrade the plastic to the highest quality **Phosphorus Copper** to offer the highest conductivity. Upgrade the plastic to the highest quality **Non-Flaming "PC"**, with twice the "impact strength" of "ABS". The report says "PC" is better than "ABS" in every aspect except pricing - it is true

WES.eA6
6 Outlet Universal Power Strip with Schuko Grounding
(Separate Exchangeable Power Cord Design)

4G WES.eA ("eA") Enhancements

UK Friendly design, 2.0" socket spacing, Can take UK plug side by side

1. **Kept all 4G eA Enhancements, plus the following new upgrade.**
2. **Use the new Safety Shutters to the eT series**
   The old BIG safety shutter dictated the old T series of power strips and ALL "Generic" Universal Power Strips to be **very WIDE**, very BIG: at least **65 mm** or 2.56 inches.
   With this completely redesigned **new Safety Shutters**, the width of the new **eT** series of power strips are only **54 mm** or 2.126 inches, close to **20% of Reduction in Width**.
   That is, **eT** is the world's most compact universal power strip but still meeting the UK power strip's width requirement.
3. **Applied the new Schuko Ground Support to the new eT series**
   This is our latest and greatest **Innovation** (20 years innovation patent pending.
   Our universal power strips are the only one will not lose Schuko grounding when used with Schuko electrical devices.
4. **Use the highest quality material**
   Upgrade the plastic to the highest quality **Phosphorus Copper** to offer the highest conductivity.
   Upgrade the plastic to the highest quality **Non-Flaming "PC"**, with twice the "impact strength" of "ABS". The report says "PC" is better than "ABS" in every aspect except pricing - it is true

4G WES.eT ("eT") Enhancements

UK Friendly design, 2.0" socket spacing, Can take UK plug side by side

WES.eT6
6 Outlet Universal Power Strip with Schuko Grounding
Special Tandem Connector At Rear
(Separate Exchangeable Power Cord Design)

Upcoming: 4G IEC-eA, IEC-eT

The New IEC C-14 "Auto Lock" Power Cord Will Work Very Well Here

The Only Challenge is IEC C-14 Cord Only Support 10 Amp

A