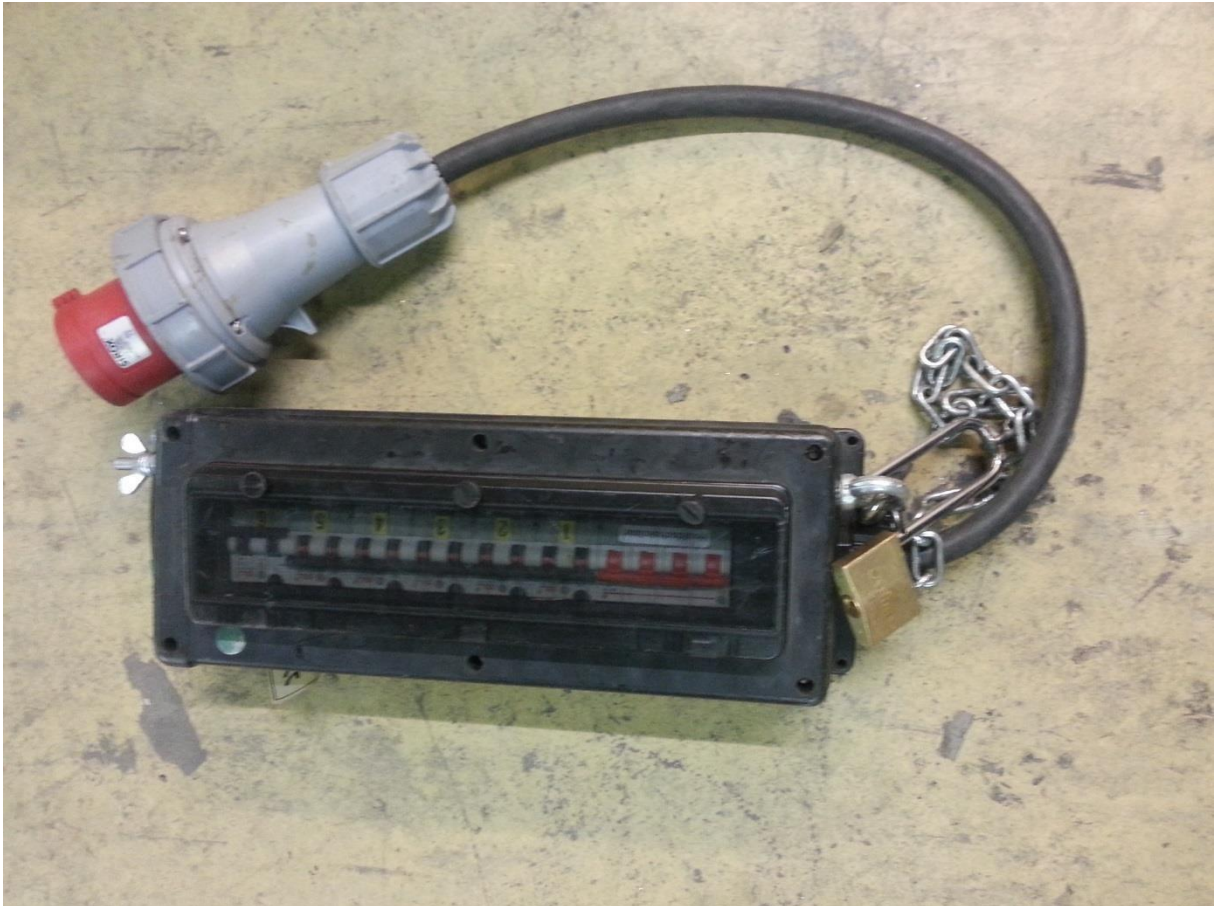




Distribution boxes Mansveld Expotech.

For stands / UB construction RAI





RP kast :



This distribution box has been our support for many years and was about 15 years ago a very innovative because it would be versatile for its time. We still use it to our complete satisfaction and we now use it in the larger stands.

Advantages: Almost usable for every application.

Disadvantage: If you put cables in, they protrude (see photo below) and that makes tidying away from this cabinet in a smaller position very difficult.

Dimensions: H 54 Cm X B 31 Cm D 34 Cm

Dimensions with plugs: H 54 Cm X B 31 Cm D 50 Cm

Connection options :

In : 1X 40 KW (400V)

Out : 9 X 3 KW (230 V)

1 X 10 KW (400 V)

1 X 20 KW (400 V)

PS: we cannot fully "load" this box

Namely if $9 \times 3 + 10 + 20$ adds up, that is 57 KW and the input is only 40 KW.

Then why not more input?



The current ducts in the RAI are equipped with a 63 CEE Amp, so that is a maximum of 40 KW, so that makes no sense.

These cabinets are therefore tailor-made for the RAI power grid, just like all our power distribution cabinets.



Cubanos

This is our new "flagship", we designed this cabinet when people plug in cables and they no longer protrude like the RP cabinet.

And so we can mount this cleaner than the RP cabinet because we can neatly place this cabinet in a corner.

It is also possible to hang this cupboard and since it only weighs 12 Kg this is also fairly easy.

Dimension : H 53 Cm X B 37 Cm X D 30 Cm.

Connection options :

In : 1 x 40 KW

Out : 12 x 3 KW (230 V)

1 X 10 KW (400 V)

1 X 20 KW (400 V)



Here, too, this applies if we load all connections fully, this is not possible because the input is only 40 Kw and if we load everything full on this cabinet, we come to 66 Kw.

The intention is of course that we put these cabinets in free construction and cable them from the UB and that together with the Gotha cabinet described on page on page 8.



With one side note, everything falls and it is stated how the stands are arranged, i.e. if there is no free construction on the UB this will of course not work.

It always remains tailor-made and every trade show we have to look again for the best solution.

The big advantage of these cabinets is that they can be placed neatly in a storage room without bothering you with protruding parts (cables).

And we also presented this cabinet to the RAI when it was still in the development phase and it also gave its approval and had no comments.



Wieland kast groot (12 groeps) :

This is a distribution box as can be seen on the photo that is easy to hang down. Ideal if you have limited space in storage areas and the like.

Also very useful to lay behind walls on the floor where there is little space. It is only 17 cm deep.

Of course we must always be able to reach if we put it behind a wall in the event of an emergency.

Dimensions :

H 85 Cm X W 37 Cm X 17 Cm (Height including cable)

Connection options:

In: 40 KW

From: 12 X 3KW (230 V)

1 X 10 KW (400 V)

1 X 20 KW (400 V)

This Mansveld Expotech design has been taken over by many stand builders because it is so versatile and can also be used Multi
Again, it applies that it can be loaded up to 40 kW



Wielandkast Klein (9 Groeps) :

This is the smaller version of the Wieland large. This is also great to hang and ideal if there is not much space anywhere. For example behind a wall, small storage room etc.

Dimensions :

H 80 Cm X W 28 Cm X D 17 Cm (height incl. Cabling.)

In: 40 KW
From: 9 X 3KW (230 V)
1 X 20 KW (400)

Because it is a lot smaller, we therefore also have fewer options with this box, because as stated earlier in the introduction, the smaller the power distribution box, the fewer options for exclusion.

Nonetheless, we can get away with this cupboard in difficult places, but again we cannot serve all customers with this cupboard since its connections are limited.

And this power distribution box can also be loaded with a maximum of 40 kW.



Gotha Kast :

This is our smallest power distribution cabinet and this is the cabinet that, together with the Cubanos cabinet, wants to use in the UB building.

But because he's so small we only have 3! connection options this is a major disadvantage of small cabinets as noted earlier.

Dimensions :

Height 45 cm X W 18 cm D 9 cm

Connection options:

In: 10 KW

From 3 x KW (230 V).

In an island of 2 or 3 Schell scheme, so good box, but if there are more Schell scheme, we can no longer use it.

As mentioned earlier, the customization remains what the technical possibilities are to use certain power distribution boxes.

Goslar kast :



This power distribution box is actually designed for the Elicium.

It is tailor-made for the current wells there, because it fits into the Elicium current well.

A nice extra is that it also fits into the wells of the Europa complex (Hall 1 to 5 and not in Hall 6 and 7)

Although we are not in favour of power distribution boxes in current wells in the normal halls, because there is a chance that it is no longer accessible (wall on the current well, raised floor on top of the current well)

We use this in situations that really cannot be resolved otherwise, but only if we are sure that we can always reach it.

Dimensions :

H 43 Cm X W 18 Cm D 12 Cm

Connection options:

Although it is equipped with a CEE 63 Amp plug, which is suitable for 40 kW, it can only be loaded with a maximum of 20 kW. This is because there is also a Cee 63 Amp in the Elicium in the power pits, we also had to implement this box with a 63 Cee Amp plug.

So in: 20 Kw

From: 6 X times 3 KW (230 V)

This box can therefore be loaded with a maximum of 20 KW