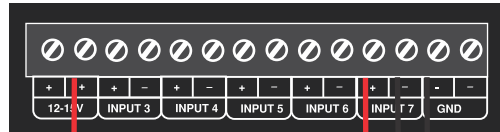




MAKULU INPUT LAYOUT

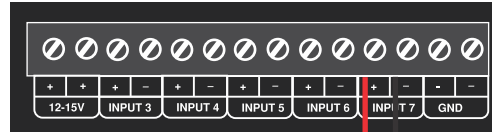
The Makulu expansion board gets wired, very similarly to the GSM Commander, except that the power (+ / -) is not right next to the input.



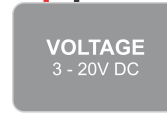
MAKULU INPUT TRIGGER FOR A DRY CONTACT



How to wire the inputs, using dry-contacts.



MAKULU INPUT TRIGGER FOR A VOLTAGE SOURCE

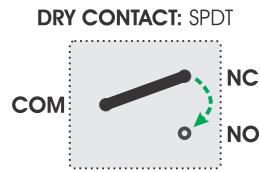


How to wire the inputs, using voltage source / trigger.

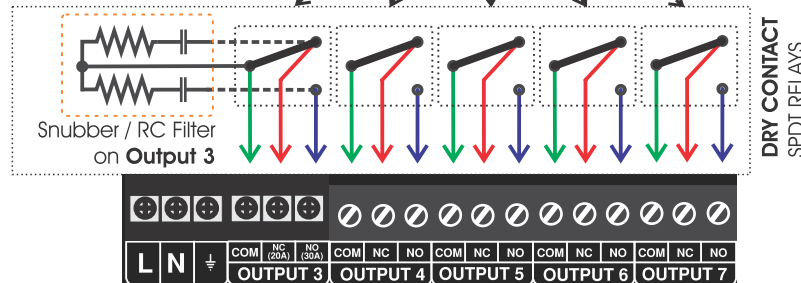


MAKULU OUTPUT LAYOUT

The Makulu expansion board **OUTPUTS** get wired exactly the way the GSM Commander's outputs get wired. It is dry-contact relays (voltage free).



WHAT IS INSIDE?



PLEASE NOTE:

Although outputs 4 - 7 are rated for 8A and output 3 is rated for 30A, we normally recommend an external relay for high voltage / current external components for extra protection.

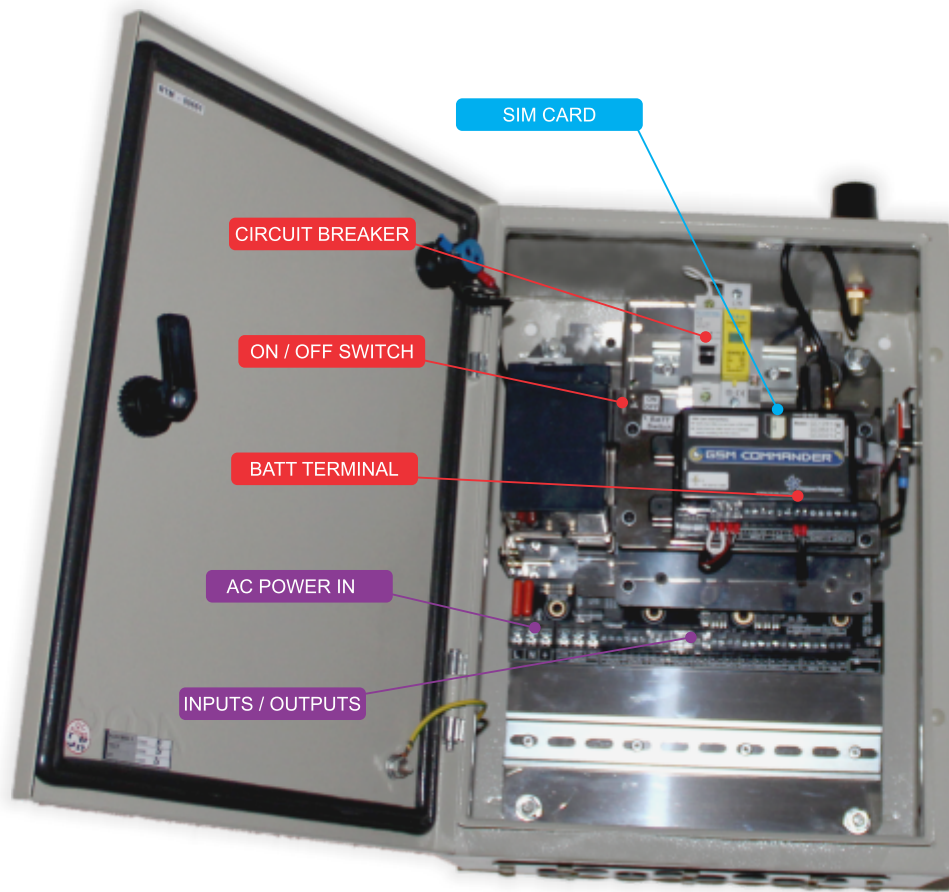


INTRODUCTION

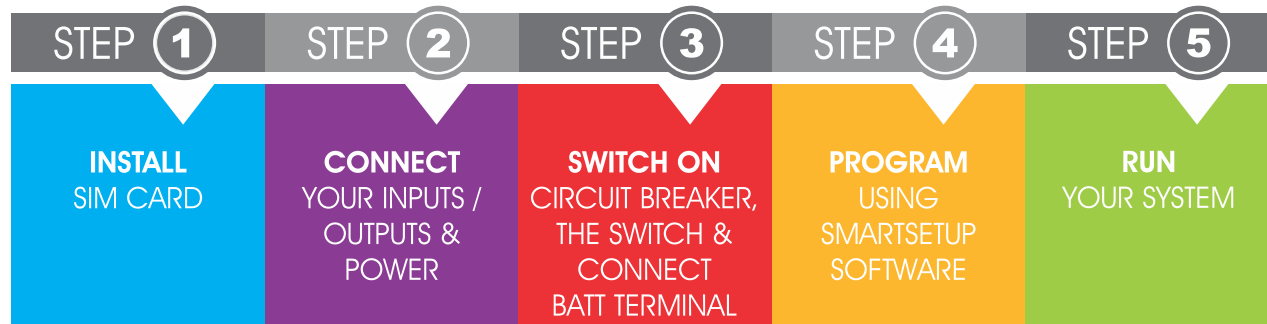
The Makulu package is a ready to mount package that basically is a plug and play solution. It takes all the hard work and setup out of your project. As the name says, it's **ready to mount**.

We only use premium quality components, with precise, laser cut plates and DIN rails.

The Makulu package does not come standard with a GSM Commander, you can decide which model of GSM Commander to add to your Makulu package.



HOW TO STEPS



SPECIFICATIONS

Output ratings	Output 3 - 30A (NO) Output 4 - 7 - 8A
Input ratings	3 - 20V DC
Analog input	0-10V DC / 4 - 20 mA*
Input Pulse Stetcher	Input 6 & 7 (selectable)
Temperature ports	Analog
AC Voltage:	220-240V AC

* In conjunction with a 470 Ohm resistor

PLEASE NOTE

PLEASE DO NOT REMOVE HE PARTS OR PLATES AS THIS WILL VOID YOUR WARRANTY. IF YOU NEED ANY ASSISTANCE, FEEL FREE TO CONTACT OUR SUPPORT DEPARTMENT ON +27 (0) 981 7062.

Polygon Technologies supply only the best quality products and have been tested thoroughly before it get sent out.

We cannot take responsibility for connecting external sources on input / output terminals. This include power sources.

If you need any further assistance, feel free to contact us.

Technical Support: support@gsmcommander.com
Sales: sales@gsmcommander.com

Tell us how you find our products on feedback@gsmcommander.com

Feel free to contact us on +27 (0) 21 981 7062



Manufacturer of the 