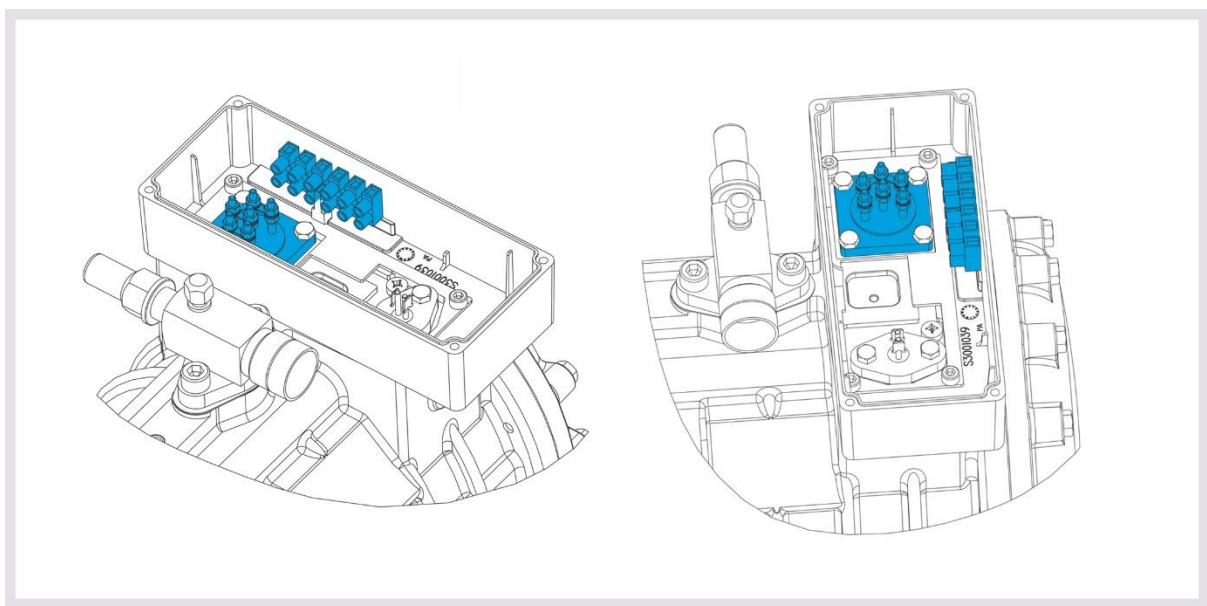


New electrical connection for Standard Reciprocating A – B – D - Q compressors series

In order to continuously innovate and improve efficiency of our solutions, we have decided to introduce a new electrical connection plate for our Standard Reciprocating of A, B, D and Q Series.

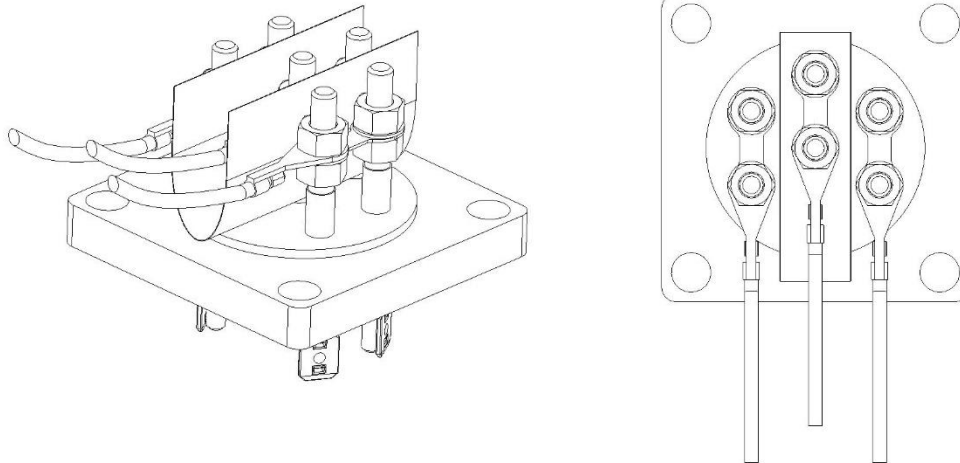
The main features of the new electrical connection plate are:

- The pin diameter is the same of actual connection plate;
- The new plate with M4 pin thread (same dimension of the previous version) allows direct connection of the power supply;
- Distance between pins is enough to grant proper insulation, which has been successfully tested in our laboratory:
 - Insulation phase to ground (500 Volt, 1 sec, > 10 MΩ)
 - Dielectric strength (2xVn + 1000V, 1 min, <10mA)
- The fixed terminal board is replaced with a mobile terminal board to simplify operations of wiring electrical cables.

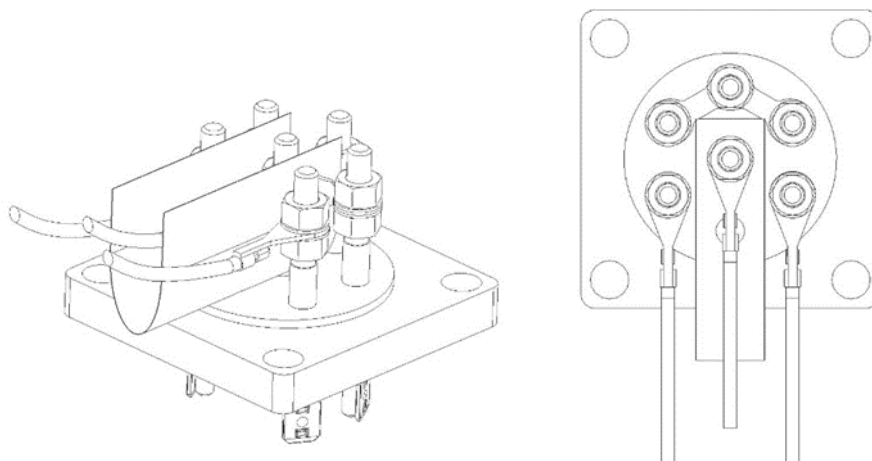


In the drawings below it is possible to view the insulator positioning on the terminal block for the two types of motor power supply:

1. DELTA CONNECTION:



2. STAR CONNECTION:



The main advantages of the new solution are:

- The direct connection to the terminal block allows to avoid 4 junctions for each phase, avoiding the potential failure risk or wrong connection for each of them;
- Easier to connect auxiliary cables removing the connection bar.

The useful dimensions for connecting the cables are shown in the following technical drawing, with the connection instructions:

