



ISOTHERM AC/DC CONVERTER Z999/561 (SEH00004HA)



The Isotherm AC/DC Converter (part number Z999/561 or SEH00004HA) can be used with all Isotherm refrigerators, freezers, refrigeration systems and build-in units with compressor types Danfoss/SeCOP BD35F, BD50F, and BD80F. The converter is connected to the AC main power supply via the AC plug. AC power of 90 to 250 VAC, both 50 and 60 Hertz will be converted to 24 volts which is the native power used by all Danfoss/SeCOP DC compressors.

The DC battery cables (12 or 24 volts) are connected to the terminal screws "BATT +" (red positive cable) and "BATT -" (black negative cable) – the unit comes with 12 inch lengths of power cable attached. Crimp connections can be made to these cables.

The output DC cables going to the compressor module are marked "COMP +" and "COMP -" and are attached to the corresponding terminals wires on the compressor module.

The converter delivers 24 volts to the compressor when converting AC power source and automatically switches to battery when the AC supply is disconnected. The Isotherm AC/DC converter has a built-in protection against incorrect polarity and overload. The converted is mounted as shown in the following configuration:

