



Multi Connect

Communication interface

The ORION-MC (Multi Connect) is a highly reliable and versatile communication interface between the greenhouse computer and motor-driven greenhouse systems and valves, such as air vents, screen systems, ventilation units, and air handling units. The ORION-MC ensures that climate computers and greenhouse installations work together smoothly. By providing reliable communication between control systems and equipment, it helps create the right greenhouse climate, optimize energy use, and support maximum crop performance.

The reliable link

In most greenhouses, communication between the climate computer and motor-driven installations is not direct. A translation is needed to convert control commands from the computer into instructions for the IO units that operate the equipment.

The ORION-MC performs this translation accurately and reliably. It forms the essential link between the climate strategy and the installation, ensuring that commands are executed correctly and consistently.

Unique communication interface

The ORION-MC is a universal, high-performance interface that communicates with IO units via CAN-local. This offers maximum flexibility in choosing, because ORION-MC is compatible with all renowned climate computers and motors.

The compact design requires limited cabling and provides accurate control. Thanks to its multi-functional setup, the ORION-MC can be used for many applications, including screen installations, ventilation systems, fans, and air handling units.

Why choose ORION-MC:

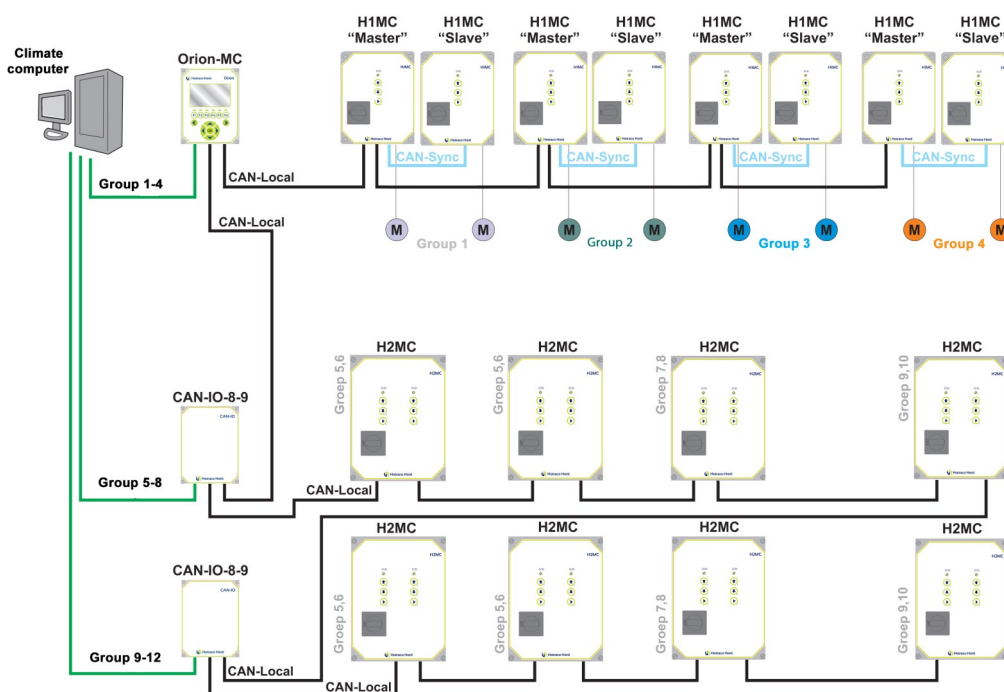
- Unique communication interface
- System independent
- Simplifies integration
- Provides flexibility
- Ensures reliability



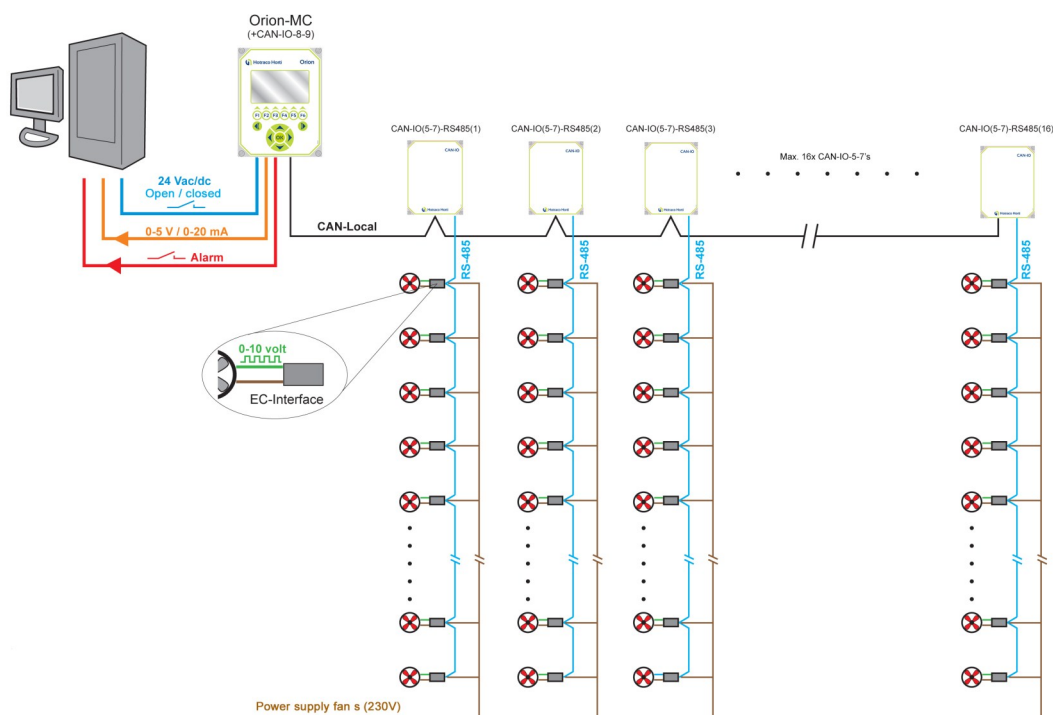
The image displays four different models of industrial inverters from the Horaco Hori brand, arranged in a row. From left to right:

- CAN-IO:** A compact, white rectangular unit with a yellow border. It features a single red emergency stop button and the Horaco Hori logo at the bottom.
- H2MC:** A larger white unit with a yellow border. It has two columns of three status LEDs each, labeled 'ON' and 'OFF'. It includes a red emergency stop button and the Horaco Hori logo at the bottom.
- Orion:** A white unit with a yellow border. It features a large black LCD screen, a numeric keypad (0-9), and several function buttons. It has a red emergency stop button and the Horaco Hori logo at the bottom.
- HMC:** A white unit with a yellow border, similar in size to the H2MC. It has a single column of three status LEDs and a red emergency stop button. It includes the Horaco Hori logo at the bottom.

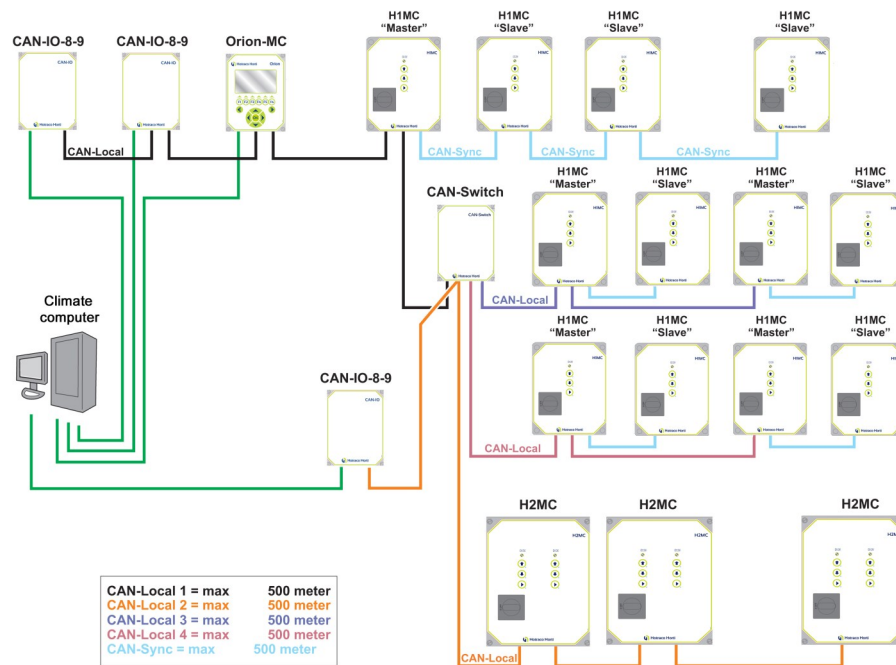
Multi Connect with CAN-IO-8-9



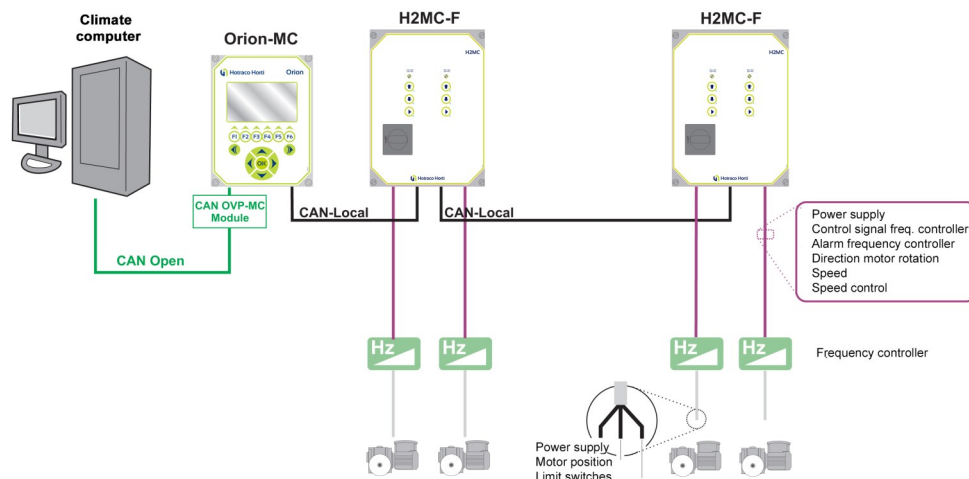
Multi Connect with CAN-IO-5-7



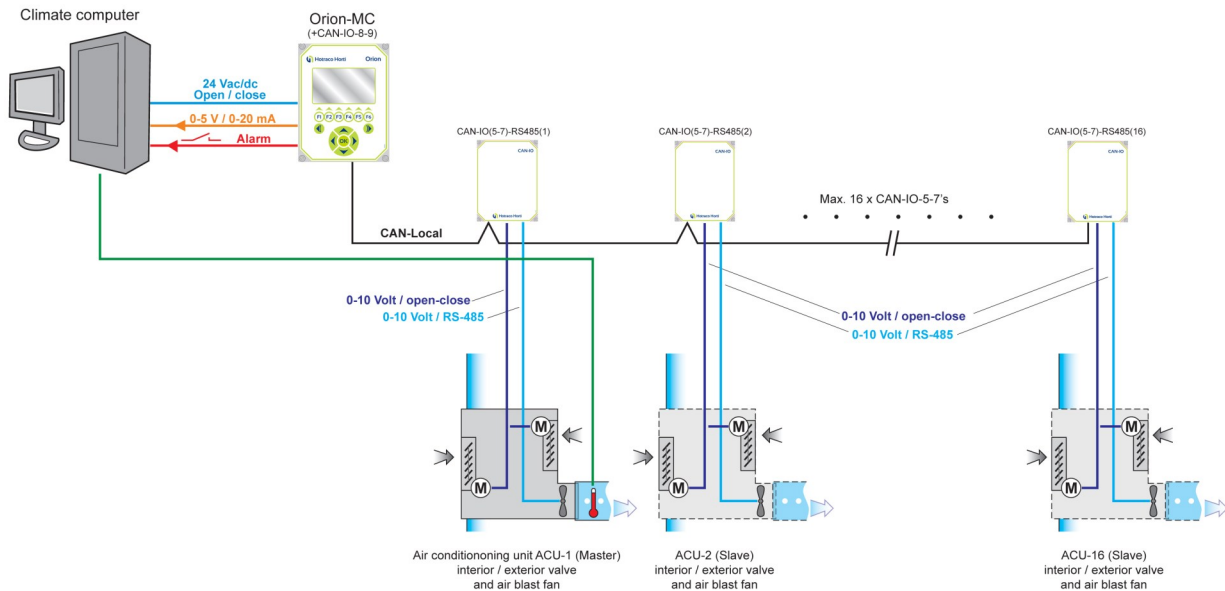
Multi Connect with CAN switch



Window or screen control with frequency controlled motors



Air handling units with recirculation valves and intake fan



Air handling units' indoor/outdoor valve with mixing temperature measurement and adjustment

