

# IOX

## Input / Output terminal



951 IOX is a NET92 terminal which allows you to collect signals from digital sensors and switch on/off electrically-controlled devices. It supports 16 input and 8 output lines with relay.

Each input has its own status indicator LED and counter. The counter counts down each time a positive charge is applied to the input.

The NET92 host can obtain the status of the counters at any time. When a counter reaches zero IOX generates a message for the host computer, the counters are then reloaded with a pre-set user-defined value and the countdown process begins again. It is also possible to monitor the status of the input lines from the host.

Each output line has a timer which allows you to close the relay for a set time (possible values: 0.1 – 25.5 seconds) every 0.1 seconds. You can also keep the relay permanently open or closed.

In a NET92 network it is possible to connect up to 254 IOX in a single plant, giving you up to 4080 inputs and 2040 outputs.

IOX can be mounted in any industrial casing equipped with an OMEGA guide.

951.001.20 IOX I/O Module - 16 digital inputs - 8 relays - NET92 only

### technical Specifications

Communication Ports	R5485 with NET92 protocol
Input/Output	<p><b>Input lines:</b> 16 lines optocoupled + status LEDs Nominal voltage: 24Vdc Input impedance: about 3KOhm ON voltage level: &gt; 5V MAX input voltage: 30Vdc</p> <p><b>Output lines:</b> 8 lines with relay Relay output: N.O. 2A @ 30 Vdc Mechanical life: min. 10<sup>7</sup> operations Electrical life: min. 2 x 10<sup>5</sup> operations at rated load Breakdown voltage: 1500 Vrms</p>
Power Supply	12 to 15Vdc, 350mA (max)
Physical Characteristics	<ul style="list-style-type: none"> <li>• <b>Working temperature:</b> 0 °C a +50 °C</li> <li>• <b>Storage temperature:</b> -20 °C to +70 °C</li> <li>• <b>Humidity:</b> 0 to 95% non condensing</li> <li>• <b>Dimensions:</b> 175x105x65 mm (W x H x D)</li> <li>• <b>Weight:</b> 280 g</li> </ul>