

# **IMPORTANT - PLEASE READ BEFORE INSTALLATION**

## **Sita I/O Unit Output Relay Contacts**

Sita I/O Unit output relay contacts are sent out from the factory set to their normal operating state.

Since these are latched relays, it is possible due to rough handling during transit, for the relay output contacts in the Sita I/O Unit to become knocked from their factory set state into their active state.

Depending on the use to which the I/O unit is to be put ie. if it is critical that the first time power up is in the normal operating state, it may be necessary to check the output contact position before connecting the output device.

There are three sets of output contacts: the low voltage contacts are labeled NO, NC, COM and the 230V contacts are labeled NC1, COM1, NO1 for one set and NC2, COM2, NO2 for the other set.

Before connecting the I/O Unit on to a loop, check for the correct output contact state using a continuity tester.

The correct normal operating state is as follows:

1. There should be continuity between COM and NC on all three sets of output contacts.
2. There should be no continuity (open circuit) between COM and NO on all three sets of output contacts.

If any of the output contacts are the reverse of the above they are in the active state and must be reset to the normal state before connecting any equipment to the output contacts.

This is done by connecting the I/O Unit on a loop and programming it as an output using the OSP Program. The I/O Unit must then be cycled by creating an alarm and then silencing and resetting at the panel. This will put the output contacts back into the normal operating state.

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