

Sensortec Input / Output Device Compatibility

The following Input / Output devices are compatible with systems operating Nittan Sensortec Protocol on the Panels as listed. The Morley loop Driver can support up to 127 addresses and a maximum of 136mA full load. Each device listed below is shown with worst case current and a recommended maximum quantity for a loop. This is intended as a guide only. Please ensure the loop load for all combined devices does not exceed 136mA. Refer to Morley loop calculator. Note some of the replacement parts below are not supported on the Morley loop calculator so please add in the values below as provided. Q = Quiescent normal running current, Alarm is the current when the device is activated or in alarm condition.

1. Morley ZX-e & ZX-se (1, 2 & 5 Loop)

- F16I81500 - 1I-ASBOX - Analogue Addressable Input Module
Q = 1.5mA, Alarm = 2.0mA, Max 68 per loop.
- F16I81510 - 1O-ASBOX - Analogue Addressable Output Module
Q = 1.5mA, Alarm = 2.0mA, Max 68 per loop.
- F16I81530 - SCM-AS5 - Analogue Addressable Sounder Control Module
Q = 1.5mA, Alarm = 2.0mA, Max 68 per loop.
- F16I81540 - MCM-AS5 - Analogue Addressable Zone Monitor Module
Q = 12.7 mA, Alarm = 13.75mA, Max 9 per loop, using external 24V supply.
Q = 18.5 mA, Alarm = 37.5 mA, Max 3 per loop, set as loop powered.

2. Morley ZXA (1, 2 Loop) Now Obsolete.

- F16N85210 - NAM-AS3 - Analogue Addressable Input Module
Q = 200 μ A, Alarm = 2.5mA, Max 54 per loop.
- F16N85215 - OCM-AS3 - Analogue Addressable Output Module
Q = 200 μ A, Alarm = 2.5mA, Max 54 per loop.
- F16N81415 - MCM-AS3 - Analogue Addressable Zone Monitor Module
- F16N85220 - MCM-AS4 - Analogue Addressable Zone Monitor Module
Q = 6.2mA, Alarm = 20mA, Max 22 per loop.
- F16N85225 - SCM-AS4 - Analogue Addressable Sounder Control Module
Q = 250 μ A, Alarm = 500 μ A, Max 127 per loop.

3. For replacements on all other Panels, operating Nittan Sensortec Protocol.

- F16N85210 - NAM-AS3 - Analogue Addressable Input Module
Q = 200 μ A, Alarm = 2.5mA, Max 54 per loop.
- F16N85215 - OCM-AS3 - Analogue Addressable Output Module
Q = 200 μ A, Alarm = 2.5mA, Max 54 per loop.
- F16N81415 - MCM-AS3 - Analogue Addressable Zone Monitor Module
- F16N85220 - MCM-AS4 - Analogue Addressable Zone Monitor Module
Q = 6.2mA, Alarm = 20mA, Max 22 per loop.
- F16N85225 - SCM-AS4 - Analogue Addressable Sounder Control Module
Q = 250 μ A, Alarm = 500 μ A Max 127 per loop.

NOTE: In accordance with the respective Manufacturers recommendations, the Control Panels referred to in 2 & 3 above should be replaced, due to their age.

If you need any further guidance please contact Nittan Technical Support:

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