

## Conventional Relay Base Compatibility

The following information provides recommendations for use of Nittan Conventional relay base with detectors.

### **1. Nittan EVC Range, including EVC-P, EVC-DP and EVC-H etc.**

If using standard Conventional Control Panel (22 – 32 Vdc), we recommend an EVC detector is used with the STB-4SE-12VR. This will give a total effective alarm resistance and nominal current of 578  $\Omega$  and 42 mA, respectively. This should be sufficient for most systems

### **2. Nittan ST-P-OM detector.**

If using standard Conventional Control Panel (22 – 32 Vdc), we recommend the ST-P-OM detector is used with the STB-4SE-24VR. This will give a total effective alarm resistance and nominal current of 390  $\Omega$  and 62 mA, respectively. This should be sufficient for most systems

### **3. Low Voltage systems.**

For low voltage systems (10 – 18 Vdc) we recommend the ST-P-OM detector is used with the STB-4SE-12VR. This will give a total effective alarm resistance and nominal current of 390  $\Omega$  and 60 mA, respectively.

**NOTE: Although the STB-4SE-12VR is a 12V Relay base, it is only because it is designed for use with 12 Volt systems due to the Alarm current at low voltage. The base is suitable for use with 24 Volt Conventional system, as indicated above.**

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

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