

**Interface Technical Data**

Model Numbers: W3-INF-I20-N-9X, W3-INF-I20-N-9R

**Device Parameters**

Operating temperature:	14°F to +131°F (-10°C to +55°C)
Humidity:	Relative Humidity >95% (77°F to 131°F)

**Supply Parameters**

Operating voltage range:	4.4-6.4V from internal battery
Power:	770μW average
Current consumption:	150μW average
Battery type:	Alkaline primary cells, 23Ah

**RF Parameters**

Operating frequency:	916.5MHz
Transmit power:	25mW max
Duty cycle:	<1%
Encryption:	None
Channel spacing:	Single channel

# Interface

The Interface has two auxiliary relay outputs and one auxiliary input. These allow the WES<sup>3</sup> system to be expanded to interact with external devices.

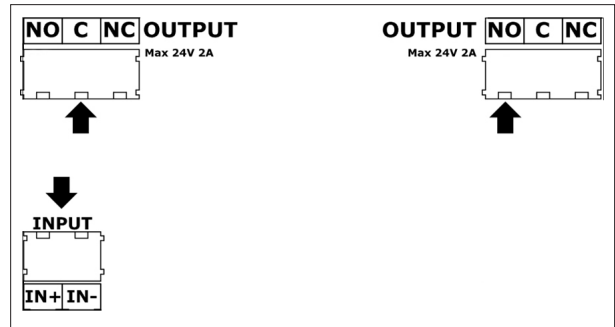
Pictured right is the layout of the connections inside the Interface Unit.

The Interface unit should be installed by a suitably qualified person.

**DO NOT connect the interface unit to outside power supplies including grid power. Each interface device is independently powered.**

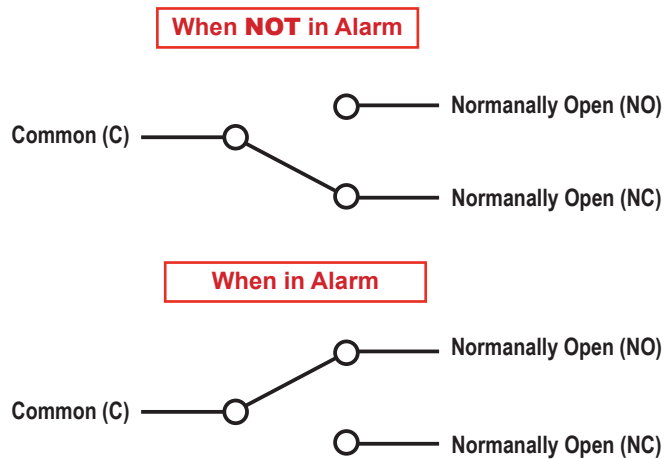
It is not recommended to use the interface to activate outside suppression systems. The connection is unmonitored. Disconnection or damage of the connecting wire may result in the device not activating when required without any fault or warning.

All cable lengths must be less than 3 meters long.



## Output

The outputs are rated for 24V at up to 2 Amps maximum.



## Input

The input requires a "volt free" contact from a relay and should not be connected to power.

The input is unmonitored and connection of automatic or manual fire detection devices is not recommended. Cable disconnection or damage could result in the alarm not activating when required without any fault or warning indication.

