

## Application Note: Overcoming E9X-HSM limitation of 10 maximum magnetic contact sensors

**Problem:** An application requires the E9X-HSM controller to link to more than 10 magnetic contact sensors and it has a limitation of connecting to a maximum of 10.

**Solution:** Use 2 or more E9X-HSM modules to link to all the required sensors and connect the dry contact outputs in series so that if any sensor is open, the contact is open.

