Information sheet

Onboard dry contact

L8001004-C 08.12.2023

Application

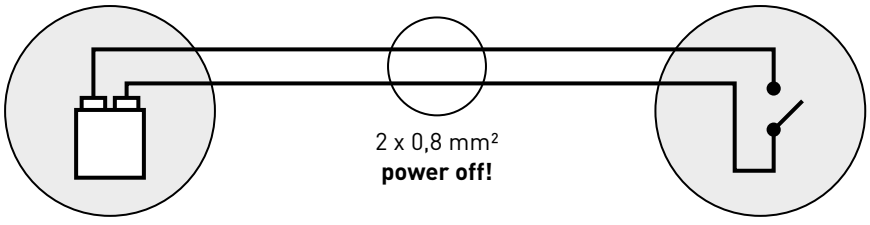
If your DucoBox or IQ unit is equipped with one or more onboard dry contacts, it is possible to connect a switch to it, for example as presence detection. This can be done by connecting the switching component with a **cable of 2 x 0.8 mm²** to an onboard dry contact.

Depending on the type of DucoBox or IQ unit (= master unit), one or more dry contacts are present on the PCB (refer to the manual of the master unit itself).

Instructions

CAUTION: voltage shall never be applied to the onboard dry contact!
Sending 230 VAC to the onboard dry contact can damage the DucoBox and make it unusable! To enable both light and ventilation to be controlled, two independent switching sensors / poles are needed. Please therefore use e.g. a **double-pole switch or relay**.

Connecting a switch to an onboard dry contact	
1	**De-energise the DucoBox / IQ unit** and **open the switch** to be connected. This prevents the dry contact from being accidentally paired to the wrong zone (in case of a zonal system). Indeed, the contact will be automatically paired as soon as it is closed for the first time.
2	Connect the switching component to the onboard dry contact with a **2 x 0.8 mm² cable**. **Never put voltage on the onboard dry contact!**
3	Power up the DucoBox / IQ unit.
4	**For zonal systems:** follow the standard installation procedure to pair components as described in the DucoBox / IQ unit manual. Close the dry contact to pair it with the selected zone. **For non-zonal systems:** Close the dry contact to pair it.
5	**For zonal systems:** Check whether the dry contact was paired to the correct zone and adjust this if necessary. This can be done via the Display menu (see manual of the 'master' unit) or via the Duco Network Tool.



'MASTER' UNIT
Onboard switch sensor

Switching component