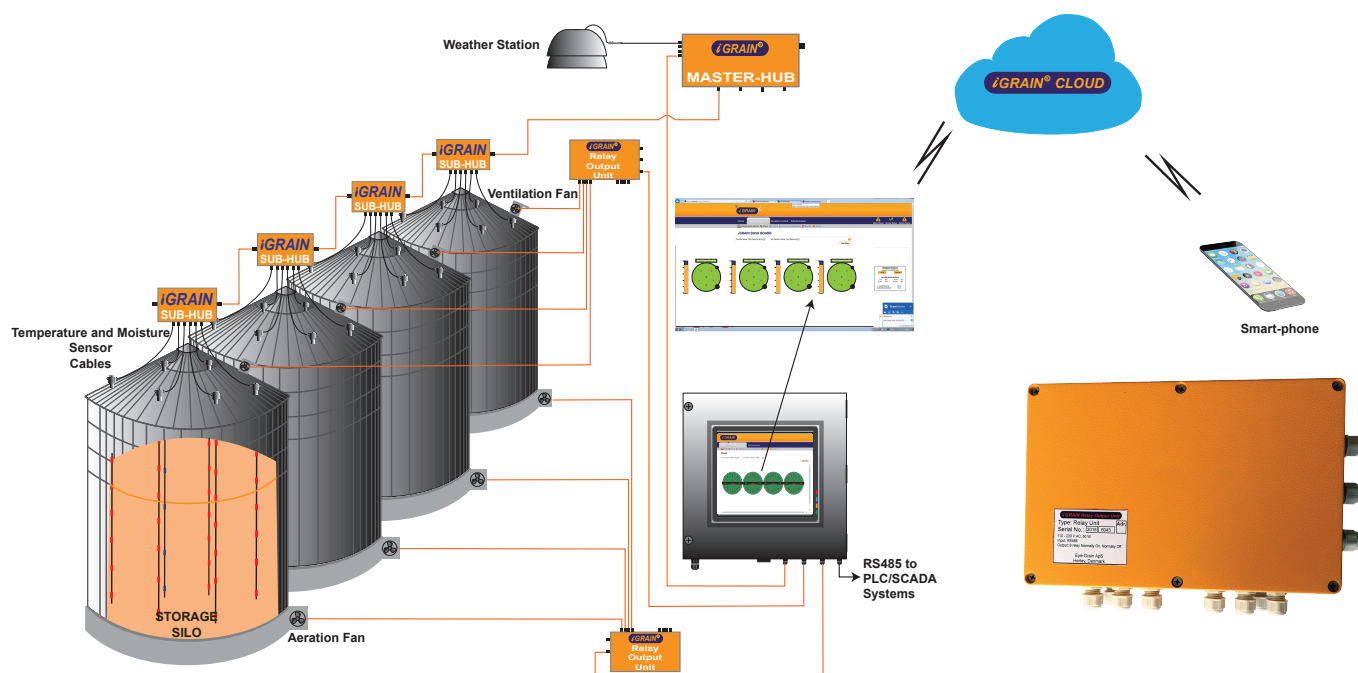


iGRAIN RELAY OUTPUT UNIT

REMOTE CONTROL (VIA MODBUS) OF AERATION FANS ETC.



General description

The iGRAIN Relay Output Unit is a control device designed for remote control via RS485. Each unit has 8 relays with Normally Open (NO) and Normally Closed (NC) function and the status of each relay is indicated with diodes.

Each unit can be set to an individual address and it can be installed where the aeration power relays are located.

The units can be controlled from the iGRAIN MANAGER SOFTWARE for automatic control the aeration and ventilation fans.



ADVANTAGES

- Remote control via RS-485 MODBUS
- Status can be monitored via iGRAIN MANAGER SOFTWARE over the internet
- Indoor and Outdoor versions



Technical specifications

Communicate via RS-485, Modbus from the iGRAIN DASH BOARD MANAGER SOFTWARE. Operates in either manual or automatic mode via the aeration control software.

DIN rail unit:

8 Relays, NO (Normally open) and NC (Normally closed) contacts(1PDT)
 Max. power 12 - 24 VDC: 3A and 230 VAC: 10A
 Power supply: 12 VDC, 600 mA
 Protocol: MODBUS address from 00 to 15 via iGRAIN MANAGER SOFTWARE
 RS485; up to 16 Relay Units in series, and up to 1200 m on CAT-5e Cable

Cabinet unit:

Die-cast aluminium cabinet: class IP 65. Dimensions: 170 x 240 x 80 mm
 Power supply: 100 – 240 VAC, max 10 W with power ON indicator.