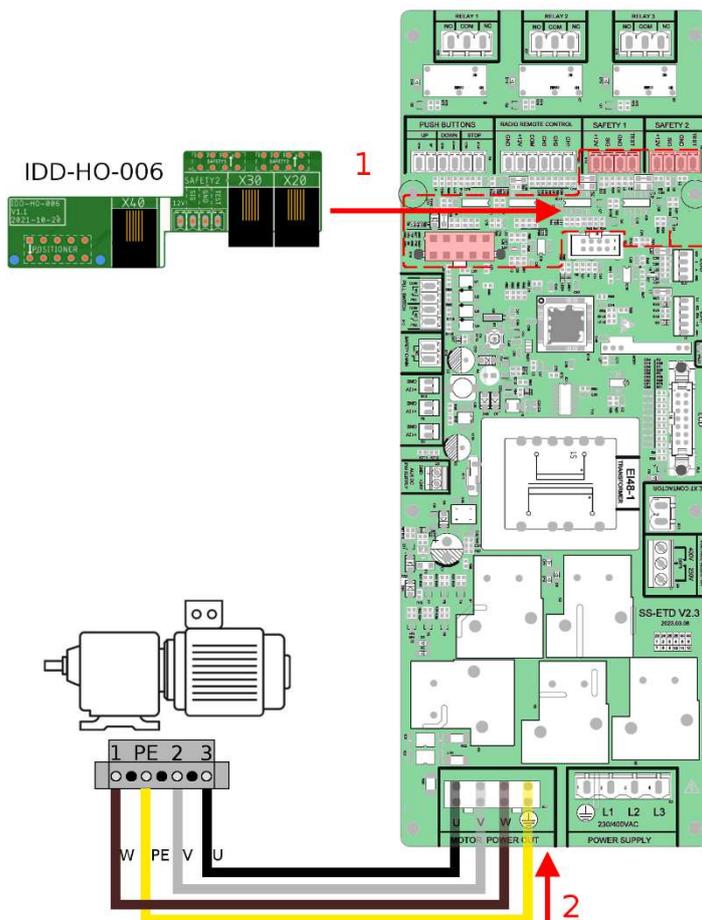# Adapter IDD-HO

List of hardware:

- 1 x Adapter PCB IDD-HO-001
- 1 x Adapter PCB IDD-HO-002
- 1 x Adapter PCB IDD-HO-006
- 1 x Adapter PCB IDD-HO-007
- 5 x bridge connector IDD-HO-008

Description:

This adapter set allows replacing a Hörmann door operator with a FQ400 system, while leaving most of the existing installation unchanged.
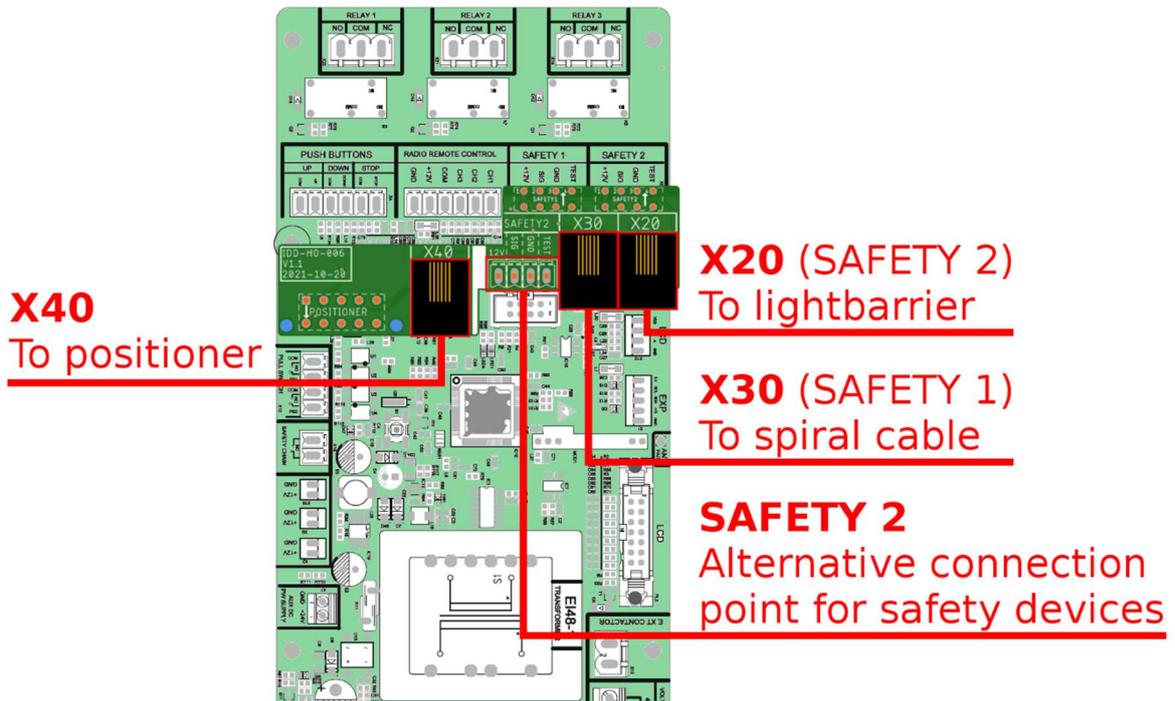
Connection:

1   Connect to FQ400

1) Plug adapter into 3 marked connectors: 10pin Molex, SAFETY1, SAFETY2
2) Connect Hörmann motor power cable to connector MOTOR POWER OUT

X40   Connection to positioner and motor safety switches.
Contains safety chain uplink.

X30   Connection to door-safety PCB through spiral cable.
Contains safety chain uplink: Place bridge if not used.
Links to FQ400 system SAFETY 1 connection point -> activate safety device under menu point
SAFETY 1.

X20   Connection to lightbarrier or other door safety devices.
Links to FQ400 system SAFETY 2 connection point -> activate safety device under menu point
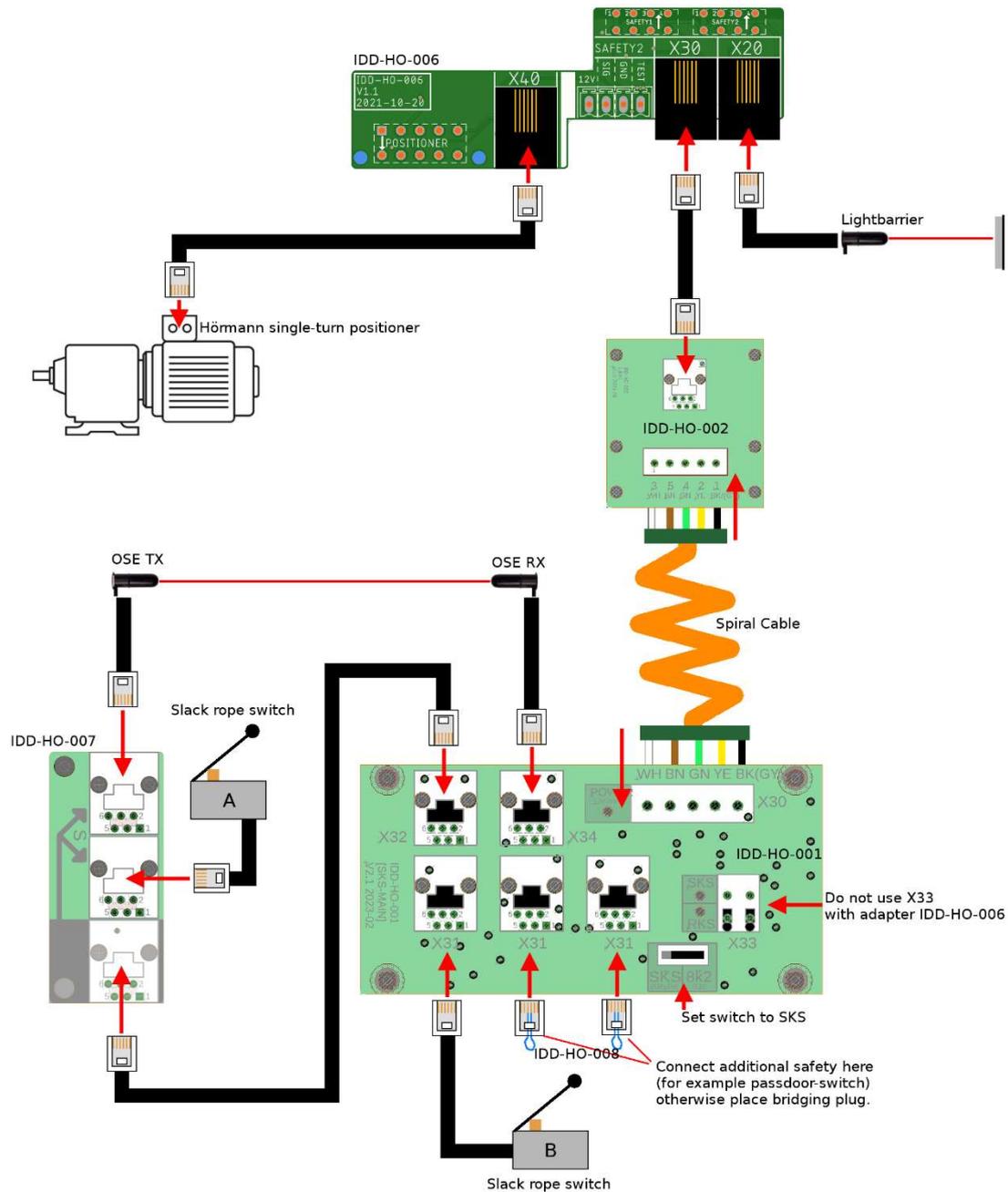SAFETY 2.

SAFETY 2   Direct access to connector SAFETY 2 for connecting generic safety devices.

⚠ **Attention: use either X20 or SAFETY 2, not both!**

Spiral cable and door safety PCB

3   Using IDD-HO-001, IDD-HO-002, IDD-HO-007

4   Using original Hörmann door safety PCB

The use of original Hörmann door safety PCB to X30 is supported, but with the following constraints:

- Red LED indicator for connected safety devices will remain switched off (but safety devices functions as normal).
- Use of the 8k2 connector is not supported.

System Setup:

Activate any devices connected to the system in the configuration menu:

1. **Activate door edge safety connected to X30**

   Navigate to

   SAFETY DEVICES -> SAFETY 1

   and activate the safety device using the following settings

TYPE:	**SAFETY-EDGE** or **PRE-RUNNING LIGHTBARRIER**
TEST MODE:	**4-wire TEST(+)**
ACTIVE DIRECTION:	**DOWN**
REVERSE MODE:	**FULL REVERSE** or **PART REVERSE**

2. **Activate lightbarrier connected to X20**

   Navigate to

   SAFETY DEVICES -> SAFETY 2

   and activate the safety device using the following settings

TYPE:	**LIGHTBARRIER**
TEST MODE:	**4-wire TEST(-)**
ACTIVE DIRECTION:	**DOWN**
REVERSE MODE:	**FULL REVERSE** or **PART REVERSE**

3. **Activate safety device connected to SAFETY 2**

   Navigate to

   SAFETY DEVICES -> SAFETY 2

   Activate the safety device following usual instructions in main manual.