Description of function:
The hand lever valve HH5/2 is a 5/2 way piston slide valve with mounted priority valve VVAZ for manual controlling of the RWA- or ventilation cylinder OPEN / CLOSE. The valve can be controlled electric CLOSE by an electro add-on component (e.g. by a wind and rain control). There is no manual operating possible as long as the add-on component is activated.

If there is a pressure on the connection CO2-A which is higher than the min. release pressure, the priority valve VVAZ switch, connect the input CO2-A with the output CA and exhaust the connection CZ at the same time.

If there is a pressure on the connection CO2-Z which is higher than the min. release pressure, the priority valve VVAZ switch, connect the input CO2-Z with the output CZ and exhaust the connection CA at the same time.

All ventilation operations are disable as long as the connections CO2-A and CO2-Z aren't exhausted and the priority valve will be reseted with both reset buttons.

Operation:
1.) Manual operation by using the hand lever.
   hand lever up = OPEN
   hand lever down = CLOSE
2.) Electric operation by applying the rated voltage to the electromagnet of the add-on component.
3.) Pneumatic operation PRIORITY OPEN / CLOSE by applying the minimum release pressure on CO2-A / CO2-Z.

Installation:
1.) Variable mounting position
2.) Join connections as follows:
   P ........................ Compressed air
   CA ..................... Pneumatic cylinder OPEN
   CZ ..................... Pneumatic cylinder CLOSE
   CO2-Z ................ Pneumatic remote control: PRIORITY FREE
   CO2-Z ................ Pneumatic remote control: PRIORITY CLOSE

Technical data:
- max. operating pressure: 10 bar
- min. operating pressure by EZ: 2 bar
- min. release pressure CO2: 4 bar
- nominal width of valve: 4 mm
- ambient temperature range: -15°C - +55°C

Electro add-on components:
- EZ24 ........................ electric CLOSE 24 VDC
- EZ230 ........................ electric CLOSE 230 V

Connecting diagram electromagnet:

Power input - attracting - DC 9 VA
Power input - attracting - AC 6 VA
Power input - holding - DC 5 W
Power input - holding - AC 6 VA

Ordering example:
HH5/2 - VVAZ - EZ230