External release via DIN2

for simple control of the heat pump with an external controller by means of an enabling contact.

Our **smart** heat pumps have a DIN2 socket on the main circuit board. DIN2 is bridged with a jumper at the factory. DIN2 is therefore closed on delivery. If DIN2 is opened, the heat pump is blocked. The status message "OFF" then appears on the controller.
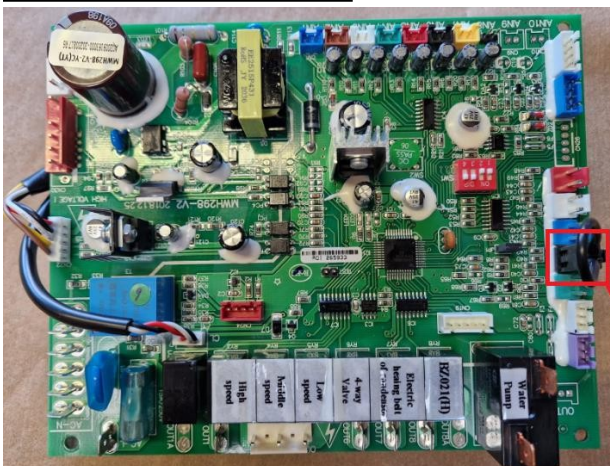
Functionality:

The operating mode or parameters of the heat pump are not overwritten. The heat pump operates according to the parameters set on the device. The external control is comparable to the function of the flow switch; regardless of the current operating status, the heat pump is blocked when DIN2 is open. When DIN2 is closed, the heat pump only starts if a heating or cooling request is also present at this time.

For optimum efficiency and service life of the heat pump, too frequent cycling should be avoided. As a guideline, we recommend that DIN2 should be closed continuously for at least 60 minutes each time.
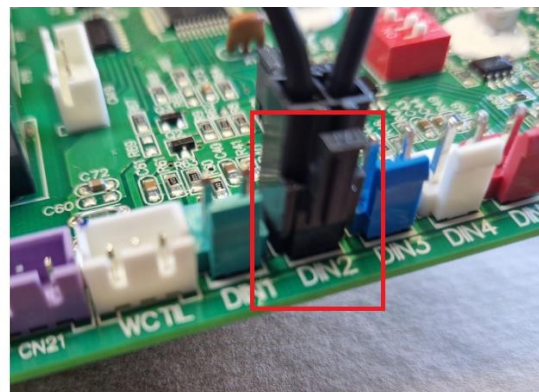
Connection/cabling:

For the connection to the circuit board, it is recommended to use the existing jumper, cut the bridged cable and create the desired connection to the higher-level controller. The external controller must switch DIN2 potential-free, no voltage must be applied.
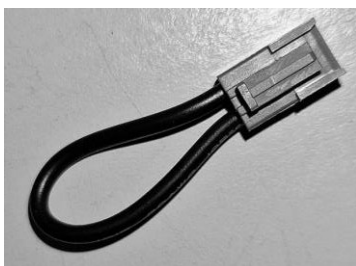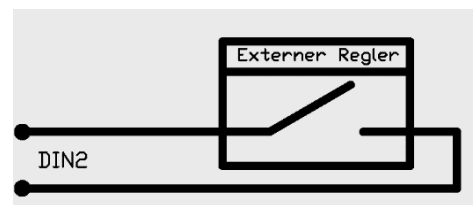
Position on the circuit board:

DIN2

(PC board of a heat pump)

(Jumper DIN2, bridged at the factory)

(functional principle)