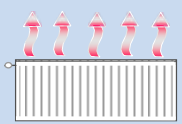
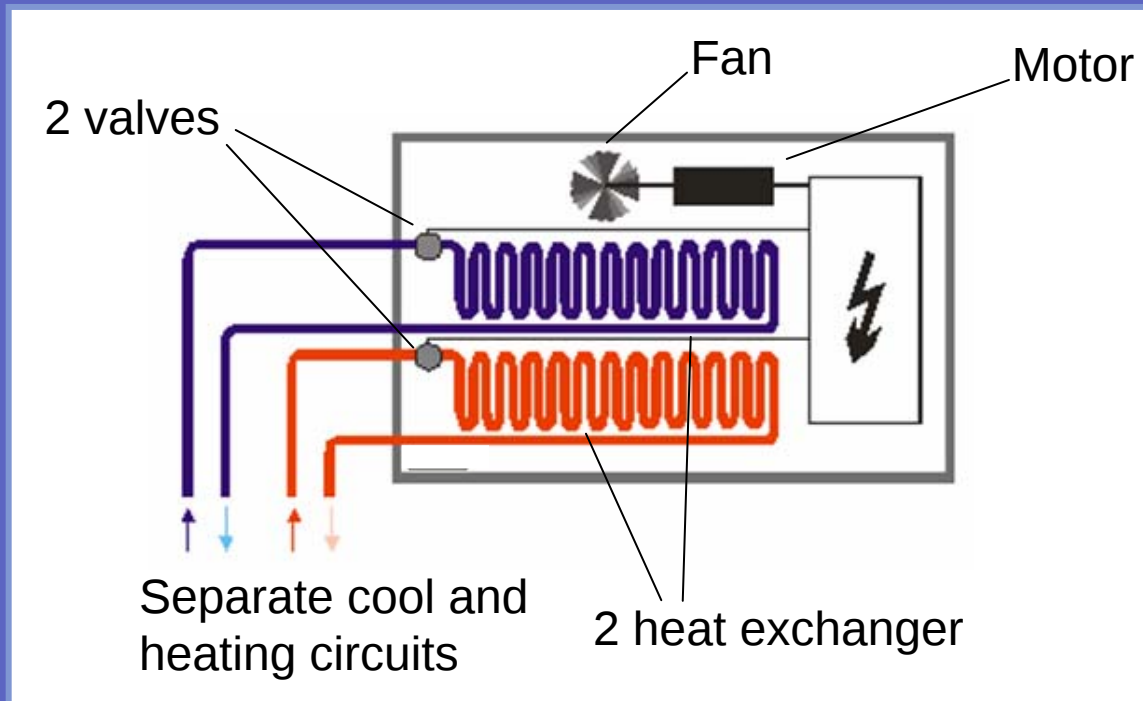




ABB i-bus[®] KNX Fan Coil-Actuator FCA/S 1.1M

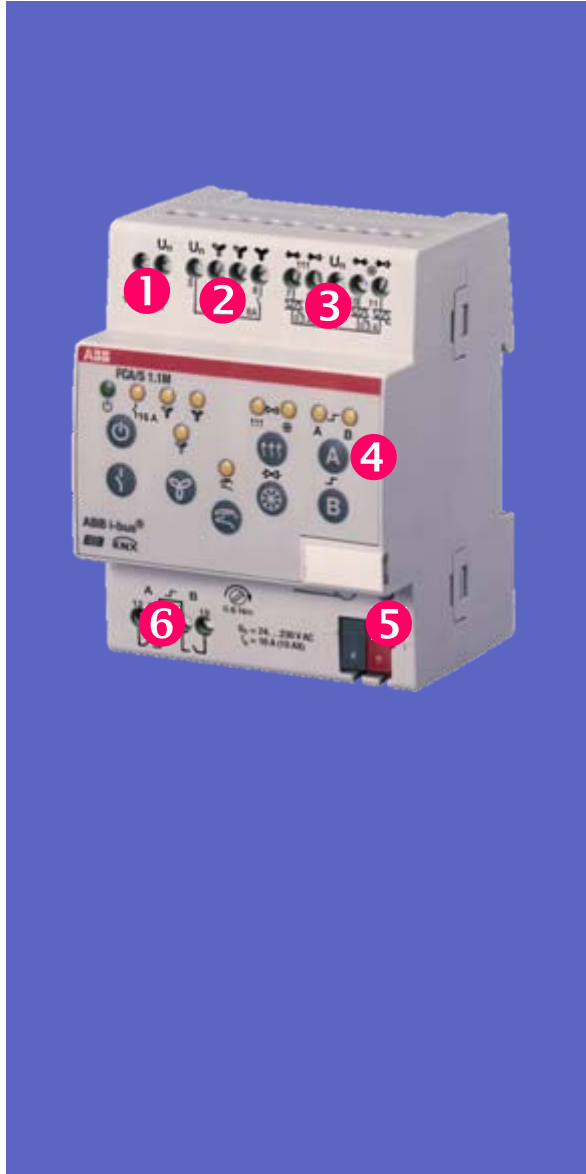


Principle Fan Coil Unit



Example: Fan Coil Unit, 4-pipe system

- 2 Heat exchanger for heating and cooling



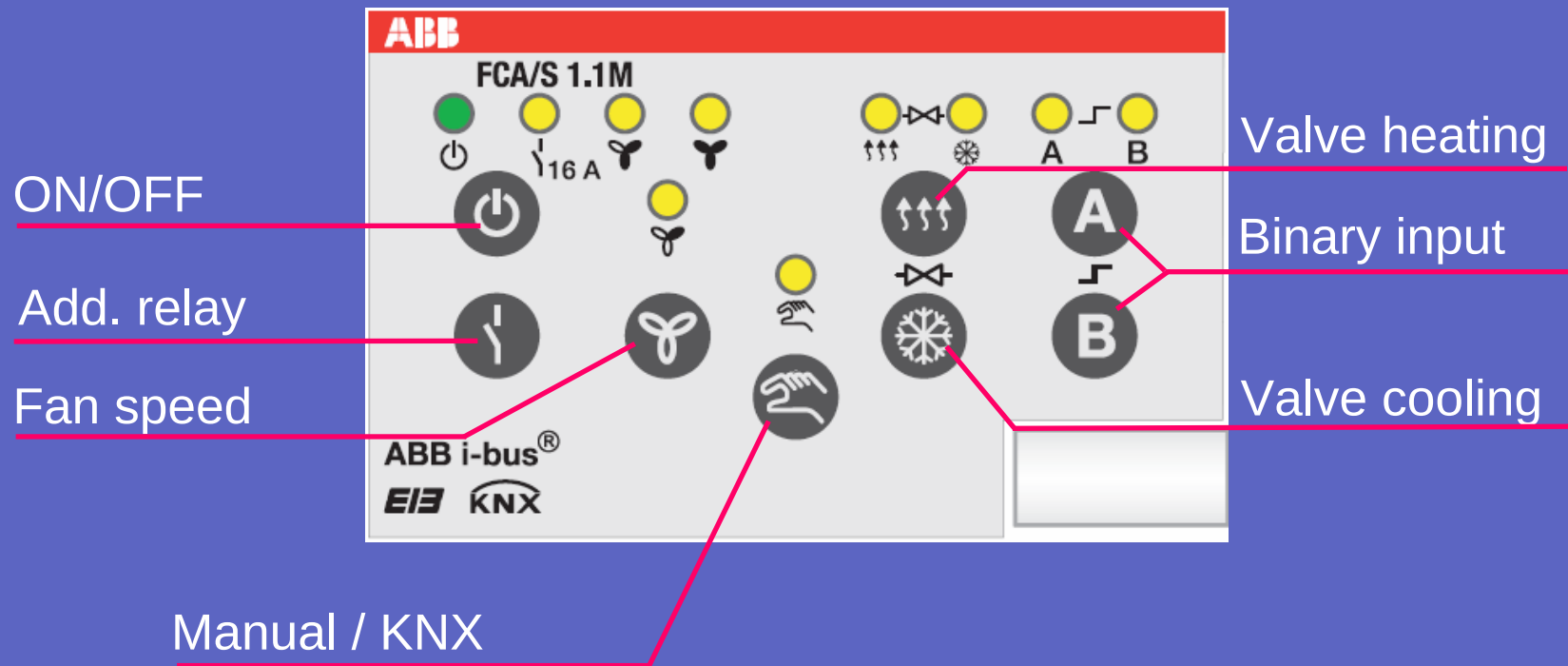
Product overview

Fan Coil-Actuator, 1fold, MDRC

- ❶ Switch contact
- ❷ Fan with 3-speed
- ❸ Valve heating/cooling
- ❹ Manual operation via plastic foil keypad
- ❺ Program-button/LED, bus connection
- ❻ Binary input

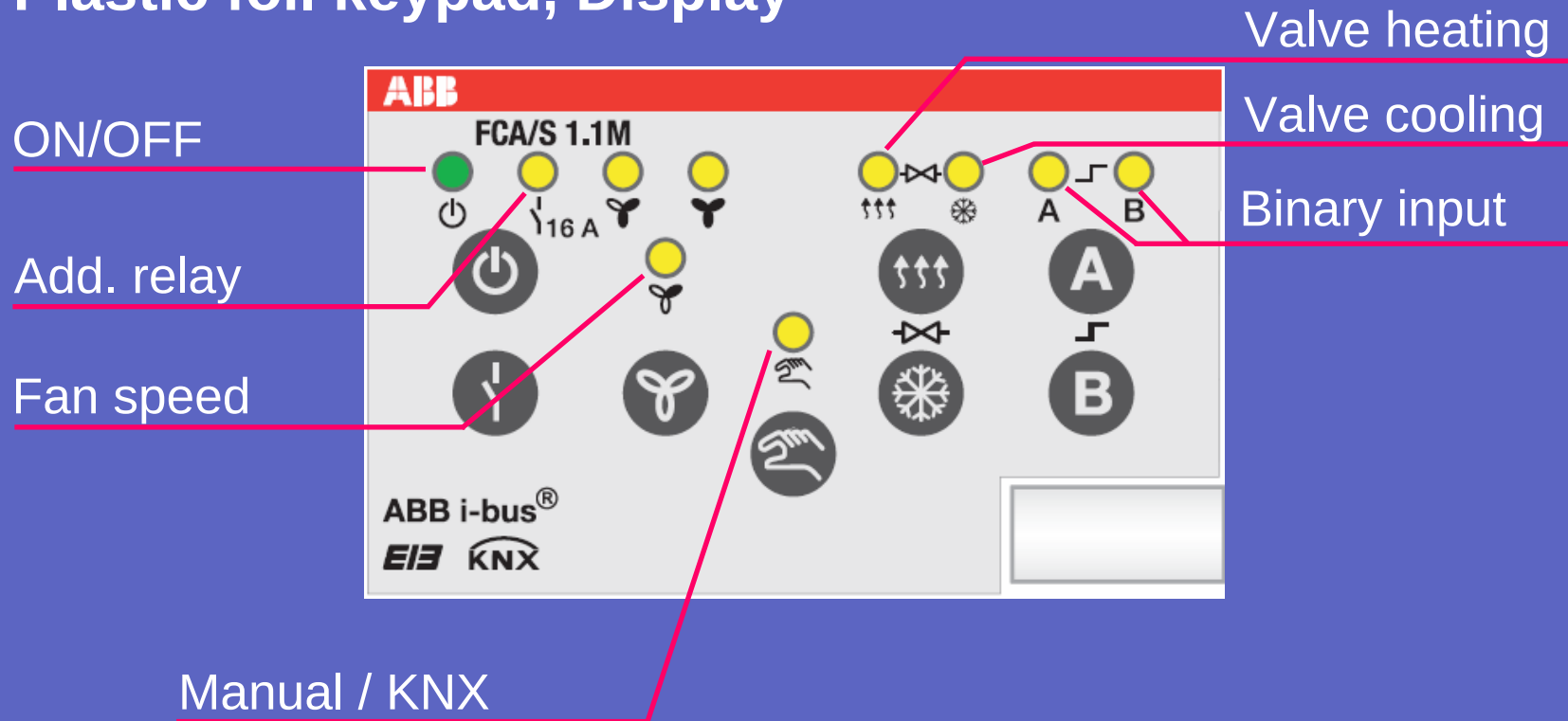
Technique

Plastic foil keypad, manual operation

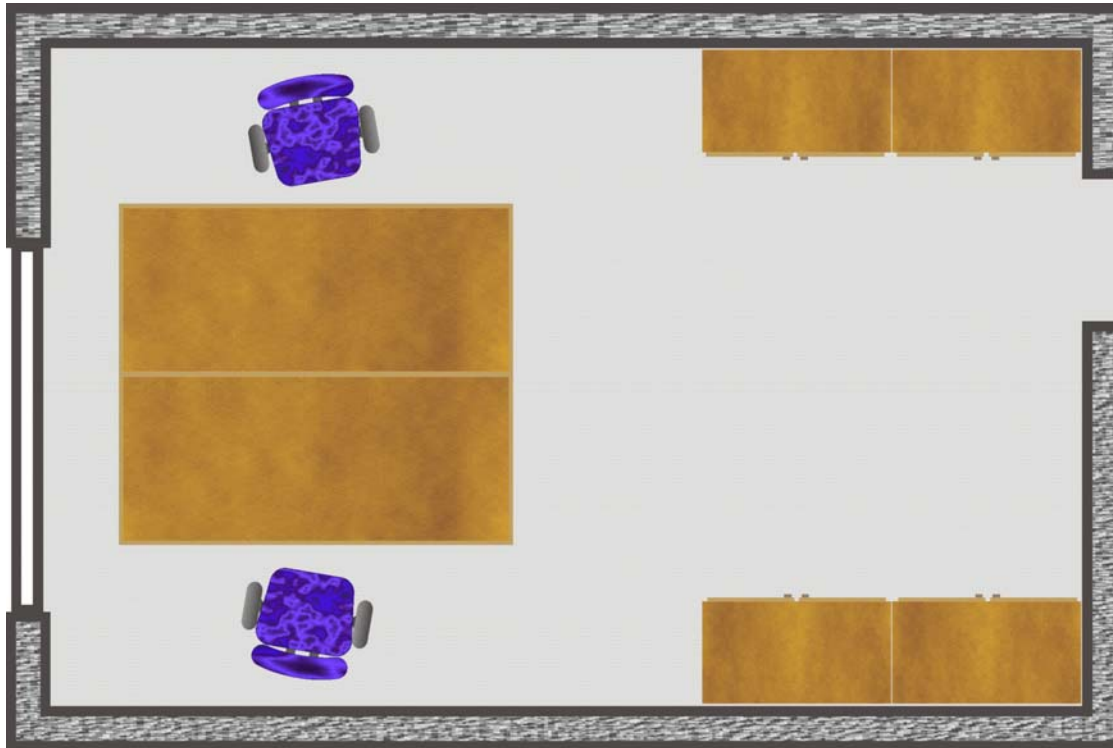


Technique

Plastic foil keypad, Display

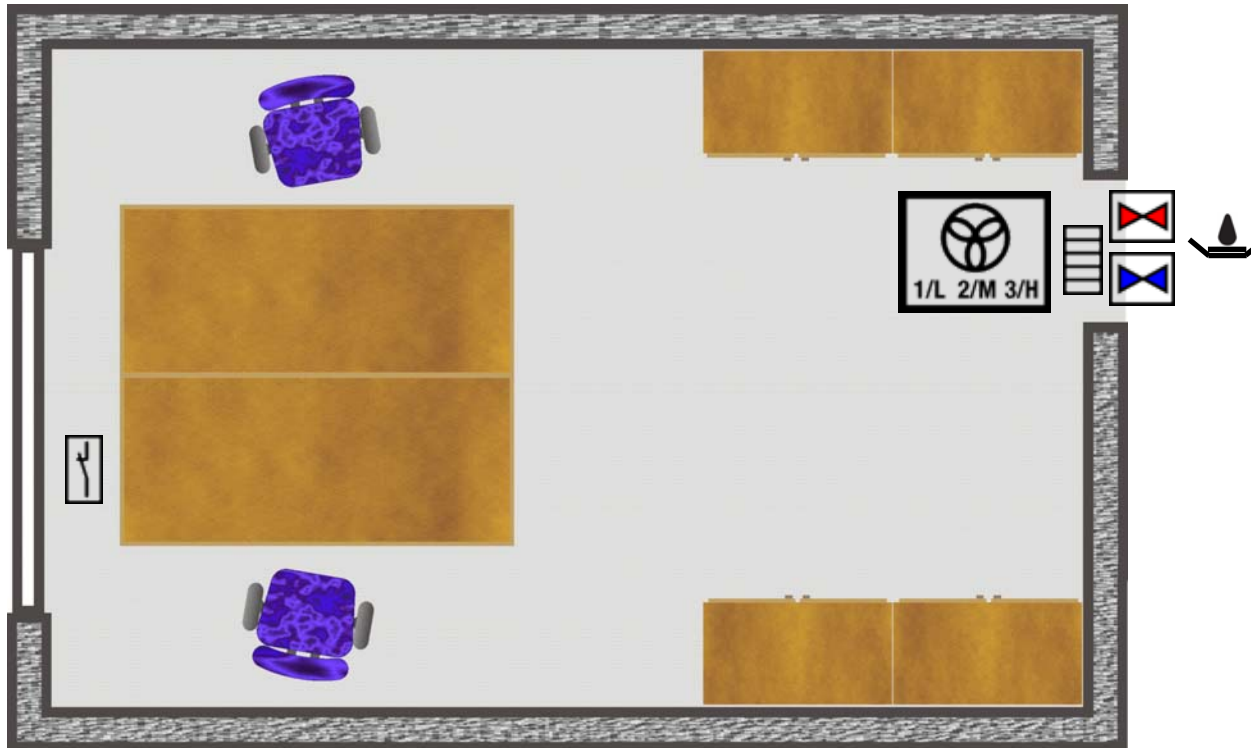


Info: Floor plan

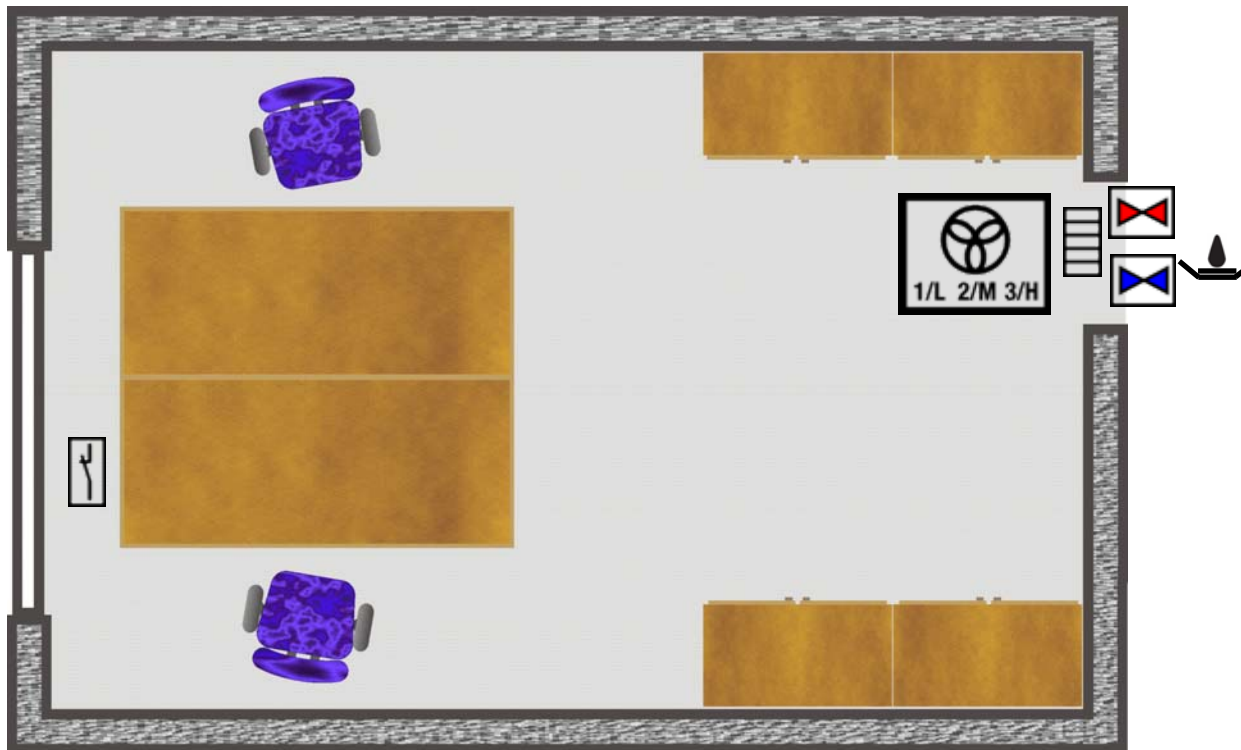


Window contact

Info: Floor plan



Info: Floor plan - completely

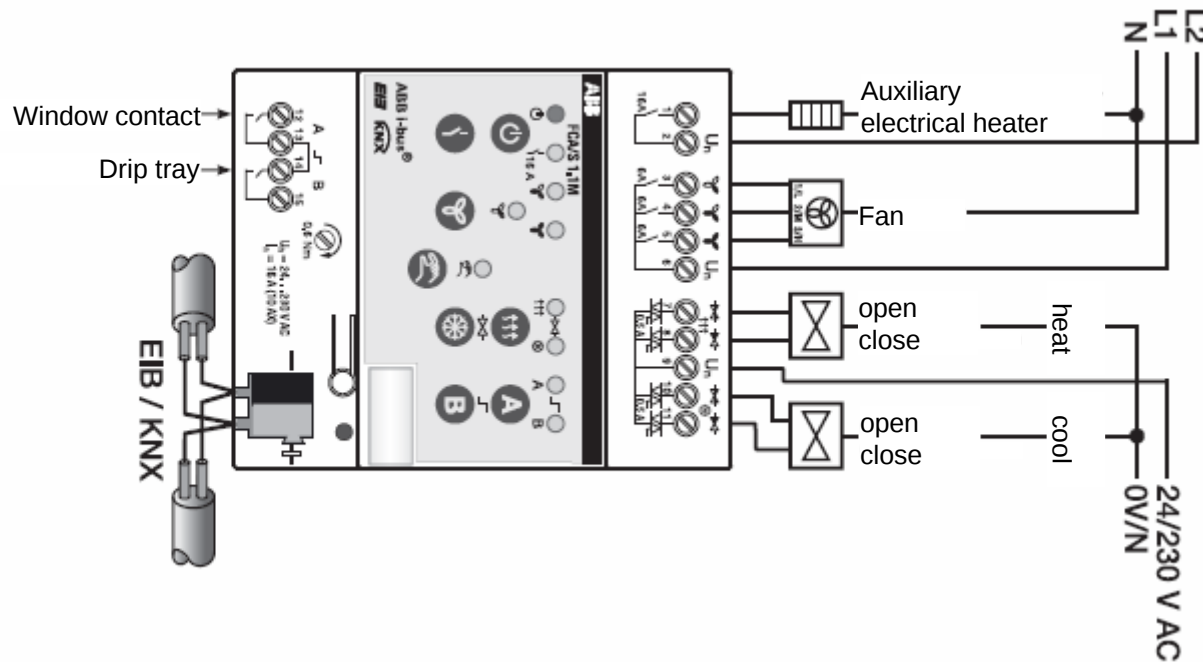


Overview

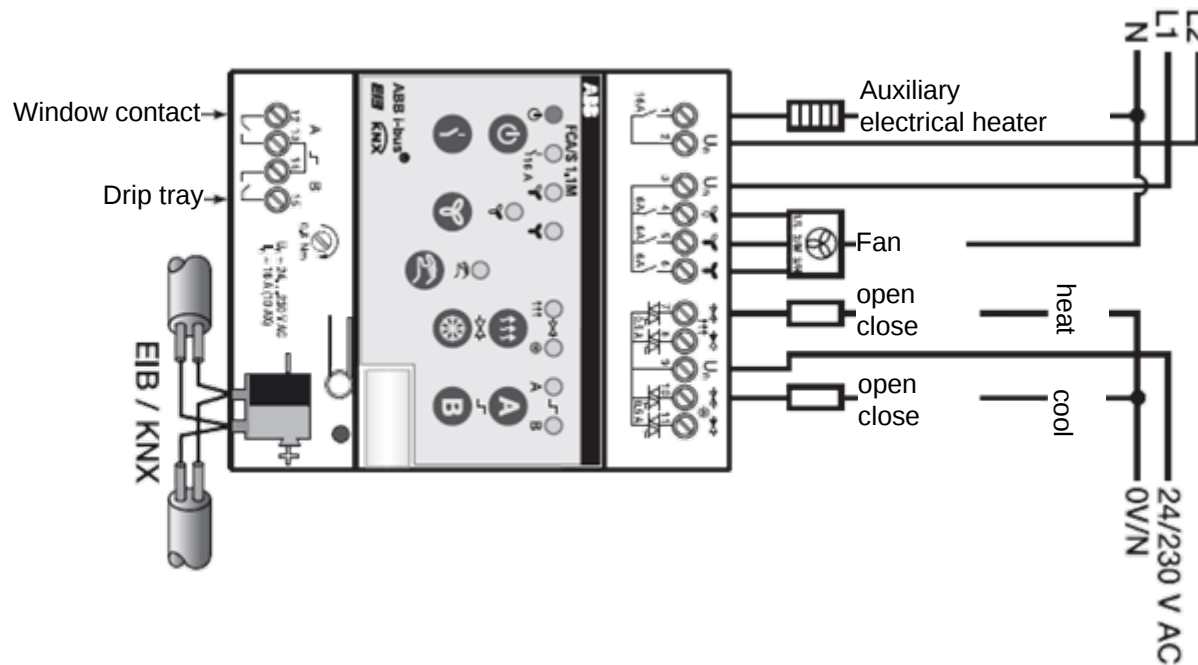
Inputs	Numbers
Binary via contact scanning	2

Outputs	Numbers
Relay 16 A C-Load	1
Relay 6 A	3
Electronic 0.5 A	4

Connection diagram with electro motive raiser / lower valve drives



Connection diagram with electro thermal valve drives



Comparison



FCA/S 1.1M



LFA/S x.1

Input	■ Binary input	■ -
Output	■ Add. Output 16 A C-Load ■ Electronic output for valve ■ -	■ Up to 4 add. Outputs 6 A (<i>LFA/S 2.1</i>) ■ Relay output for valve ■ Output for valve control
Valve drives	■ Electro thermal ■ Electromotive raise / lower	■ Electro thermal
Limitation	■ Fan limitation	■ Fan and valve limitation
Fan speed	■ 1, 2 or 3	■ 3 or 5
Others	■ Manual operation ■ Valve curve adaptation ■ Commissioning with NTI/Z 28.30.1 	



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