

Legend - KNX CAD Symbols

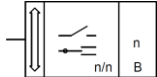
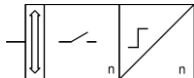
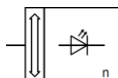
Controller / Sensors	Note	Symbol
General	General symbol for a sensor. a) Product group (example: "TS1UP" for a temperature sensor) b) Sensor type	
Temperature sensor		
Temperature controller	n = Number of temperature controllers	
Brightness sensor		
Constant light controller		
Push-button	n = Number of push-buttons	
Motion detector/ presence detector		
Binary input	n = Number of inputs with indication of input voltage. pot.free = Inputs for potential-free contacts. *Additional symbol for push-buttons and flush-mounted actuators. 230V = Inputs for 230 V AC 12-24V = Inputs for 12 – 24 V AC / DC	
Analog In- /Output	a) Number of analog inputs b) Number of analog outputs	
VOC sensor		
CO2 sensor		

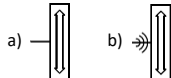

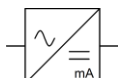
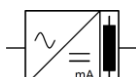
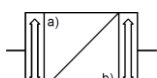

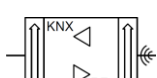
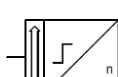
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Controller / Sensors	Note	Symbol
Humidity sensor		
Wind speed sensor		
Rain sensor		
Current measurement	n = Number of measuring devices	
Active power measurement	n = Number of measuring devices	

Actuators	Note	Symbol
General	General symbol for an actuator. a) Product group (example: "AKD" for dimming actuator)	
Switch actuator	n = Number of channels FC= FanCoil function	
Switch actuator with current measurement	n = Number of channels, measuring devices	
Switch actuator with active power measurement	n = Number of channels, measuring devices	
Shutter actuator	n = Number of blind/roller shutter channels	
Universal actuator	n = Number of switching/blind/roller shutter channels	
Dimming actuator	n = Number of dimming channels	

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Actuators	Note	Symbol
Universal actuator with binary inputs	n = Number of switching/blind/roller shutter channels and binary inputs	
Heating actuator with controller	n = Number of channels	
LED indicator	n = Number of LEDs	

System devices	Note	Symbol
Bus coupler	a) KNX bus coupler b) KNX RF+ bus coupler	
Choke		
Power supply		
KNX bus voltage supply		
Gateway	General symbol for a gateway/interface a) e.g. KNX, TCP IP, USB b) e.g. DALI	
Line coupler		
KNX RF+ Line coupler		
Time switch	n = Number of time switches	
Logic module		