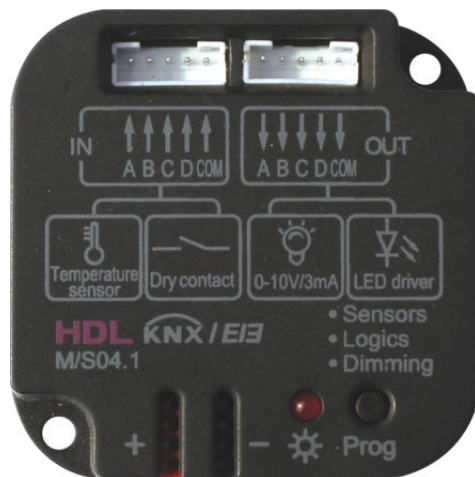


The background of the slide is a photograph of a modern building with a complex, angular facade. The building features large glass panels and a grid-like structure. The entire image is overlaid with a semi-transparent purple filter. The text is centered over the building's facade.

4CH Dry Contact Sensor

M/S04.1

4CH Dry contact sensor: It includes 4 channel signal input and 4 channel signal output, The signal input channel can receive signal from the temperature sensor and from the dry contact sensor, it offers an output DC0-10V dimming signal or drive the LED status channel.



This module including the functions of temperature collection, dry contact input, 5 logic output, 0-10V dimming, sensor, LED driver function, etc. control way including relay control, dimming control, curtain control, scene control, etc. in a logic control process each logic combines with 4 signal input channels.

Sensor controller work mode:

1.1.4 M/S04.1 > General

General

Work mode

Sensors controller

Channel A

System delay(2..255s) after bus voltage recovery

2

There are two options for sensor controller: Dry contact and temperature sensor

1.1.4 M/S04.1 > Channel A

General

Input A detection

No detection

Channel A

No detection

Dry contact sensor

Channel B

Temperature sensor

Dry contact sensor: enable the normal switch to control KNX intelligent devices

1.1.4 M/S04.1 > Channel A

General	Input A detection	Dry contact sensor
Channel A	'Enable/Disable' via bus	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
Channel B	Function selection ==>	Switch controller
Channel C	Dry contact type	<input checked="" type="radio"/> Mechanical switch <input type="radio"/> Electronic switch
Channel D	Reaction when closing the contact	ON
	Reaction when opening the contact	OFF

Mechanical switch: it has two status ON and OFF, You can set commands to each state.
(act as a bi-stable button)

1.1.4 M/S04.1 > Channel A

General

Input A detection

Dry contact sensor

Channel A

'Enable/Disable' via bus

Disable Enable

Channel B

Function selection ==>

Switch controller

Electronic switch: When pressed, it is on, when released, it is off, act as a mono-stable button.

Temperature sensor:

1.1.4 M/S04.1 > Channel A

General	Input A detection	Temperature sensor
Channel A	Temperature compensation(-5C..+5C)	0C
Channel B	Temperature report(In range)	<input checked="" type="radio"/> No <input type="radio"/> Yes
Channel C	Function selection ==>	Invalid
Channel D		

- Invalid
- Switch controller
- Alarm controller
- Shutter controller
- Scene controller
- Sequence controller
- Percentage controller
- Threshold controller
- String(14bytes) controller
- Forced position controller
- Combination controller

When connect the temperature sensor, when it reaches the setting temperature, it would trigger the switch, alarm, shutter, scene, sequence etc..

Temperature sensor

General	Input A detection	Temperature sensor
Channel A	Temperature compensation(-5C..+5C)	0C
Channel B	Temperature report(In range)	<input checked="" type="radio"/> No <input type="radio"/> Yes
Channel C	Function selection ==>	Switch controller
Channel D	->Temperature>=Threshold1(-30C..+50C)	20
	->Temperature<=Threshold2(-30C..+50C)	30
	--Change temperature thresholds via bus	<input checked="" type="radio"/> No <input type="radio"/> Yes
	Temperature control mode	<input checked="" type="radio"/> Temperature range control <input type="radio"/> Temperature point control
	->Switch operation(In range)	ON
	->Switch operation(Out range)	OFF

Set the temperature range, it can trigger tagets when temp is in the range and out of range respectively

Dimming controller work mode:

1.1.4 M/S04.1 > General

General	Work mode	Dimming controller
Channel A	System delay(2..255s) after bus voltage recovery	2
A>Dimming config	Heartbeat telegram(1..65535s,0-invalid)	0
Channel B	-> Temperature Quiver:<(threshold - n) or >(threshold + n) on out range	1C
B>Dimming config	Enable sequence 1	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
Channel C	Enable sequence 2	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
C>Dimming config	Enable sequence 3	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
Channel D	Enable sequence 4	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
D>Dimming config	Enable sequence 5	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
	NOTE:Channel output range is 0..10V	

When work in this mode, it just like the 0-10v Dimmer without relay output.

The background of the image is a photograph of a modern building with a glass facade, overlaid with a semi-transparent purple filter. The building has a complex, angular design with multiple levels and a prominent glass section. A street lamp is visible in the foreground. The overall color scheme is dominated by shades of purple.

THANKS