DOVIT

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Range of touch-sensitive switches with customizable glass plates

D-KP-85, D-KP-85-T, D-KP-85-TH, D-KP-125, D-KP-125-T, D-KP-125-TH, D-GLASS-x



Plate Functionalities

Touch Command Configuration:

- "BP" function activates the command on touch and deactivates on release.
- Multiple programmable actions per command.
- Short and long press management.
- Commands assignable to scenarios or group functions.
- Commands assignable to analog outputs (e.g., 0-10V dimmer, sun protection).
- Commands assignable to motorized outputs (Up/Stop/Down).
- Proximity sensor for automatic icon illumination (<10mm).
- Switch configuration options for 1, 2, 4, 6 touches for the KP-85 version, and 1, 2, 3, 4, 5, 6, and 9 touches for the KP-125 version.
- Cleaning mode (temporary command lock) through simultaneous and prolonged pressing of the smallest and largest command numbers (e.g., 4, 6 of configuration 3bis). Cleaning mode is not available with a single command configuration.
- Full hand press (or "Multi-Button Press" function) to activate a command (only for configurations with a minimum of 3 commands).
- Configurable Touch Beep function to emit a sound signal when a command is pressed.

LED Lighting and Buzzer Output Configuration:

- Status feedback function through the LED dedicated to the command.
- Timer programming option to delay deactivation (or activation if reversed).
- Step-by-step function.
- Time-limited with turn-off after a certain period following the command press (configurable in seconds and minutes).

Other Features:

- "Party" / "Baby" mode (locks all commands).
- Courtesy light (backlighting of contours), controllable via Bus and time programming.
- Global light intensity adjustment.
- "Ghost" or "Night" mode to make all icons disappear.

Features with Probe

- Thermostat for zone control in summer/winter mode.
- Offset adjustable based on the value measured by the probe (-6.0 to +6.0).
- Zone valve control on/off or 2-pipe PWM system (controls 1 relay on the output module).
- Zone valve control on/off or 4-pipe PWM system (controls 2 relays on the output module).
- Proportional regulation of the fan coil unit with valve control and 3 speeds (selective and progressive) for a 2-pipe system (controls 4 relays on the output module).
- Proportional control of the fan coil unit with valve control and 3 speeds (selective and progressive) for a 4-pipe system (controls 8 relays on the output module).

CE

EMC – EMISSION and IMMUNITY: Directive 2014/30/EU

Safety- L.V. – SAFETY REQUIREMENTS: Directive 2014/35/EU

EMC - emission specification: EN 55032:2012/AC:2013
Information technology equipment. Radio disturbante Characteristics. Limit and methods of measurement

L.V. - safety specification: EN 62368-1:2014/AC:2015
Information technology equipment. Safety. General requirement

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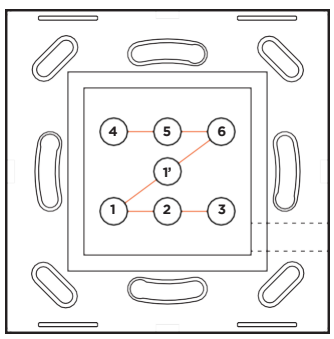
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Technical Specifications

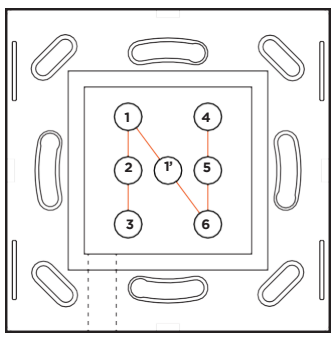
Electrical Characteristics	
Supply Voltage (Bus)	13,8Vdc
Maximum Consumption	180 mA
Minimum Consumption	40 mA
Bus	DO.Connect

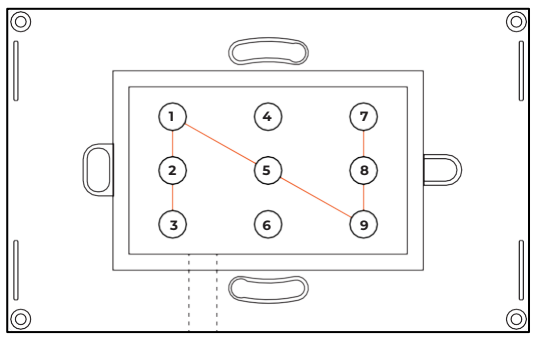
Environmental Characteristics	
Operating Ambient Temperature	0°C ~ 40°C
Impact environnemental	2
Protection	(IP20)
Ambient Storage Humidity (non-condensing)	10% ~ 90%

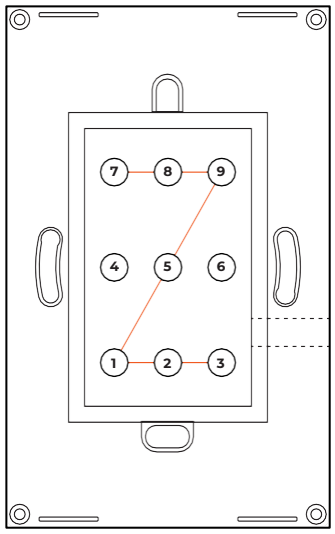
Installation (Z)



Installation (N)









All models are compatible with the 502 or D60 recessed boxes.

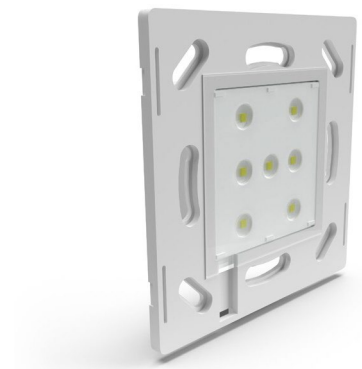


The D-KP-125-x models are also compatible with the 503 boxes.

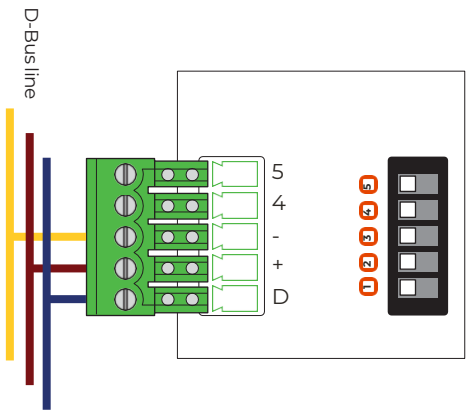
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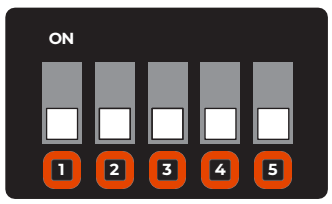
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Wiring & Configuration





On the back of the plate (under the protective plastic), 5 DIP Switches (SW) allow you to configure the different operating modes of the device.

SW 1/2/3 to define the number of touch commands

SW4 on ON, activates the backlighting

SW5 on ON, activates 'Ghost'/'Night' mode

Configuration of the commands

Touch switch 85x85 – up to 6 commands

SW1	SW2	SW3	Nb of commands
OFF	OFF	OFF	6
ON	OFF	OFF	1
OFF	ON	OFF	2
OFF	OFF	ON	4

Modèles

Product Reference	Code	Infos
D-KP-85	86	6 commandes + 1
D-KP-85-T	96	6 commandes + 1 avec 1 sonde de température
D-KP-85-TH	97	6 commandes + 1 avec 1 sonde de température et humidité

Configuration of the commands

Touch switch 125x85 – up to 9 commands

SW1	SW2	SW3	Nb of commands
OFF	OFF	OFF	9
ON	OFF	OFF	1
OFF	ON	OFF	2
ON	ON	OFF	3
ON	ON	ON	3BIS
OFF	OFF	ON	4
ON	OFF	ON	5
OFF	ON	ON	6

Modèles

Product Reference	Code	Note
D-KP-125	89	9 commandes + 1
D-KP-125-T	99	9 commandes + 1 avec 1 sonde de température
D-KP-125-TH	100	9 commandes + 1 avec 1 sonde de température et d'humidité

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Choice of glass

Note regarding the installation or replacement of the glass:

The keypad of the plate also functions without glass thanks to the plastic protection. Before installing the glass, it is recommended to initiate the cleaning mode (not available in single-button configurations) and install the glass during the procedure when the LEDs are blinking. This allows the keypad to perform a calibration of the capacitive sensor. It is also possible to execute the calibration command via the Bus, from the configuration software. Calibration also occurs when the keypad is powered on.

D-GLASS - X - XX - XX - X - X

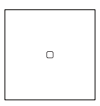
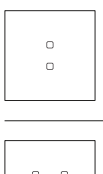
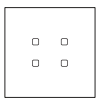
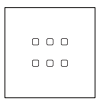
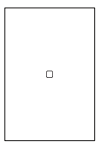
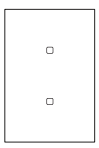
Color
B= Black
W= White
S= Sand

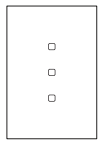
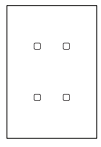
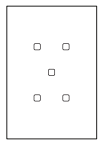
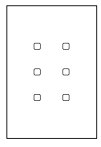
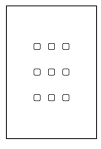
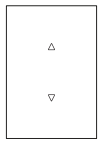
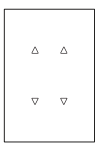
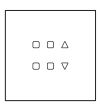
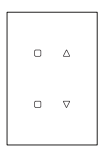
Dimensions
85 = 85x85mm
125 = 125x85mm

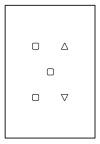
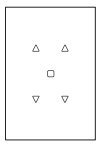
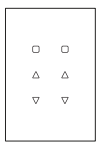
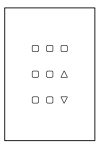
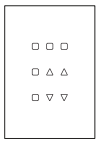
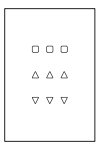
Functions of the commands
SL= Generic
SM= Motorization
MX= Mixed

Number of commands

Code

Assembly Z	Functions of the commands	References
	GENERIC 85	
	1 generic	D-GLASS-x-85-SL-1
	2 generics	D-GLASS-x-85-SL-2
	4 generics	D-GLASS-x-85-SL-4
	6 generics	D-GLASS-x-85-SL-6
	MOTORISATION 85	
	1 motorization	D-GLASS-x-85-SM-1A
	2 motorizations	D-GLASS-x-85-SM-2A
	3 motorizations	D-GLASS-x-85-SM-3A
	GENERIQUE 125	
	1 generic	D-GLASS-x-125-SL-1
	2 generics	D-GLASS-x-125-SL-2

Assembly Z	Functions of the commands	References
GENERIC 125		
	3 generics	D-GLASS-x-125-SL-3
	4 generics	D-GLASS-x-125-SL-4
	5 generics	D-GLASS-x-125-SL-5
	6 generics	D-GLASS-x-125-SL-6
	9 generics	D-GLASS-x-125-SL-9
MOTORIZATION 125		
	1 motorization	D-GLASS-x-125-SM-1A
	2 motorizations	D-GLASS-x-125-SM-2A
MIXED 85		
	2 generics + 1 motorization	D-GLASS-x-85-MX-4-001
	4 generics + 1 motorization	D-GLASS-x-85-MX-6-001
	2 generics + 2 motorizations	D-GLASS-x-85-MX-6-002
MIXED 125		
	1 generics + 1 motorization	D-GLASS-x-125-MX-3-001
	2 generics + 1 motorization	D-GLASS-x-125-MX-4-001

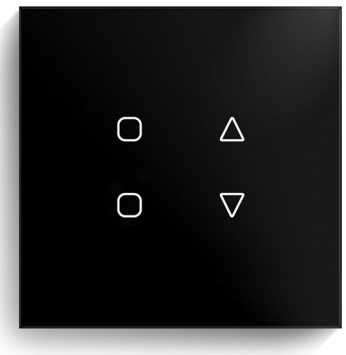
Assembly Z	Functions of the commands MIXED 125	References
	3 generics + 1 motorization	D-GLASS-x-125-MX-5-001
	1 generics + 2 motorizations	D-GLASS-x-125-MX-5-002
	4 generics + 1 motorization	D-GLASS-x-125-MX-6-001
	2 generics + 2 motorizations	D-GLASS-x-125-MX-6-002
	7 generics + 1 motorization	D-GLASS-x-125-MX-9-001
	5 generics + 2 motorizations	D-GLASS-x-125-MX-9-002
	3 generics + 3 motorizations	D-GLASS-x-125-MX-9-003

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Available colors

Black (B)



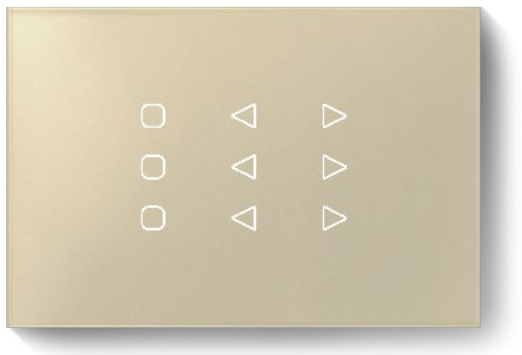
D-GLASS-B-85-MX-4-001

White (W)



D-GLASS-W-85-MX-4-001

Sand (S)



D-GLASS-S-125-MX-9-003

Dimensions (mm)

