1K.02.9.030
K25

Address
	1	2	
BK	BK		In
WT	GN		
YL	BL		Out
BK	BK		

1K.02

1K.04.9.030
K25

Address
	1	2	3	4	
BK	BK	BK	BK		In
WT	RD	GN	VT		
YL	OR	BL	GY		Out

1K.04

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SWITCH TO THE FUTURE

1a

BUS **KNX**

KNX INTERFACE

1	COM
2	IN1
3	OUT1
4	COM
7	COM
8	IN 1
9	
10	

1b

BUS **KNX**

KNX INTERFACE

1	COM	BK
2	IN 1	WT
3	OUT 1	YL
4	COM	BK
5	IN 2	RD
6	OUT 2	OR
7	COM	BK
8	IN 3	GN
9	OUT 3	BL
10	COM	BK
11	IN 4	VT
12	OUT 4	GY

2a

BLACK
WHITE
YELLOW
BLACK

BLACK
GREEN
BLUE
BLACK

2b

BLACK
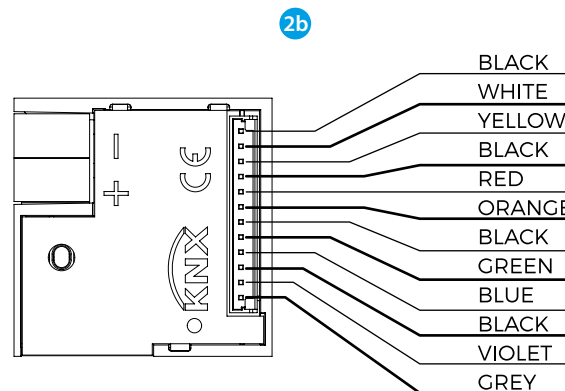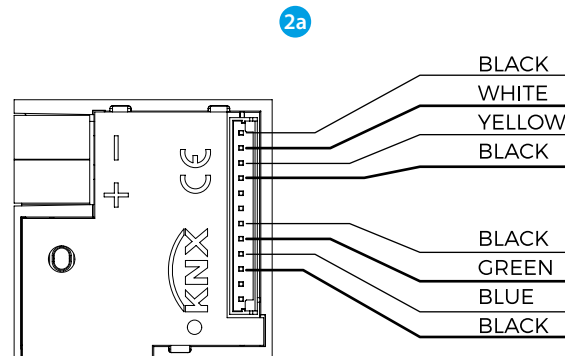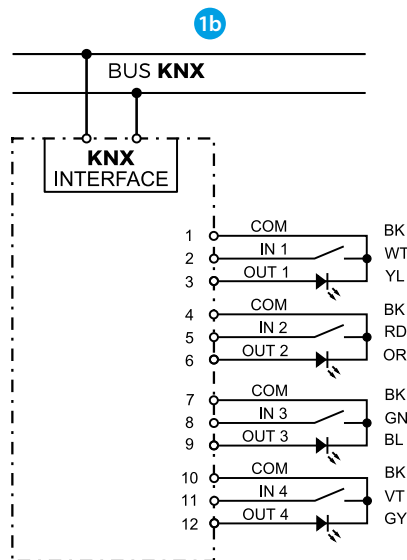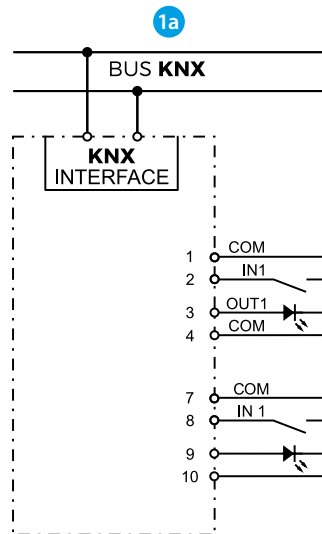WHITE
YELLOW
BLACK
RED
ORANGE
BLACK
GREEN
BLUE
BLACK
VIOLET
GREY

ENGLISH

1K.02.9030 - Inwall 2 In / 2 Led Out module KNX
1K.04.9030 - Inwall 4 In / 4 Led Out module KNX

Product and Applications description
Device 1K.02.9030 includes 2 digital inputs for dry contacts and 2 outputs for LEDs. Device 1K.04.9030 includes 4 digital inputs for dry contacts and 4 outputs for LEDs. These devices (only 34 x 34 x 11 mm) can also be used in installations where the inwall space available is reduced.
The digital inputs can interface sensors, traditional buttons, etc. The low voltage output channels can drive LEDs for synoptic panels or switches.

For each input channel the following functions are available:
• Sending telegrams of closing/opening contact
• Sending telegrams of short/long press
• Dimming control
• Blinds/venetians control
• Scene control
• 3 commands sequences with short/long press
• 3 command sequences with toggling
• Step by step on/off combinations over 2 or 3 objects
• Pulse counter on rising and/or falling edge
• Enable / disable object for each input

There are also 8 blocks of logic functions freely by ETS
Device is equipped with KNX communication interface.

ETS Application Program
• Maximum number of group addresses: **53**
  This is the maximum number of different group addresses the device is able to store
• Maximum number of associations: **60**
  This is the maximum number of associations between communication objects and group addresses the device is able to memorize

Caution: there is a limit to the number of associations that can be created, on the same device, between transmission communications objects (i.e. output feedback) and receiving communication objects (i.e. outputs). If you want, on the same device, add a group address linked to a transmission communication object (feedback) to a receiving communication object (output) which already has a different group address associated, please note that you can add a maximum of 8 group addresses of this kind for the whole device.

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Technical Specifications	
Power Supply	Via bus EIB/KNX 21...31V DC Current consumption <5 mA
Control Elements	EIB/KNX red LED and button
Connections	12 cable connector AWG24 EIB/KNX terminal
Inputs	2 (1K.02.9030) - 4 (1K.04.9030) Maximum cable length ≤10m (twisted cable) Reading voltage 3,3V
Outputs	2 (1K.02.9030) - 4 (1K.04.9030) Current/voltage for leds 0,5mA/3,3V
Mechanical data	Plastic enclosure PC/ABS
Ambient temperature during o peration	−5°C + 45°C
Degree of protection	IP20
According to EN 50491-2	

1a Wiring diagram 1K.02.9030
1b Wiring diagram 1K.04.9030

2a Wired cable for 1K.02.9030	
1.	BLACK	COM
2.	WHITE	INPUT 1
3.	YELLOW	OUTPUT 1
4.	BLACK	COM
5.	NOT CONNECTED	
6.	NOT CONNECTED	
7.	BLACK	COM
8.	GREEN	INPUT 3
9.	BLUE	OUTPUT 3
10.	BLACK	COM
11.	NOT CONNECTED	
12.	NOT CONNECTED	

2b Wired cable for 1K.04.9030	
1.	BLACK	COM
2.	WHITE	INPUT 1
3.	YELLOW	OUTPUT 1
4.	BLACK	COM
5.	RED	INPUT 2
6.	ORANGE	OUTPUT 2
7.	BLACK	COM
8.	GREEN	INPUT 3
9.	BLUE	OUTPUT 3
10.	BLACK	COM
11.	VIOLET	INPUT 4
12.	GRAY	OUTPUT 4

For further information please visit: **findernet.com**

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