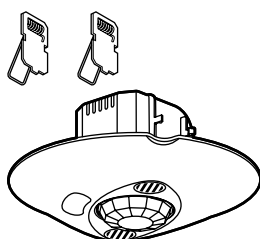


0 026 61



0 489 18

CONTENTS	PAGE
1. Example of use.....	1
2. Description	1
3. Wiring diagram	2
4. KNX block diagram.....	2
5. KNX project.....	2
6. Actuator parameters 002661 - Addr: 1.1.1 ..	3
7. Detector parameters 1.1.2 & 1.1.3	3
8. KNX links	4
9. Monitoring.....	4

1. EXAMPLE OF USE

Meeting rooms/Offices



2. DESCRIPTION

Automatic ON/OFF control of luminaires via a KNX detector.

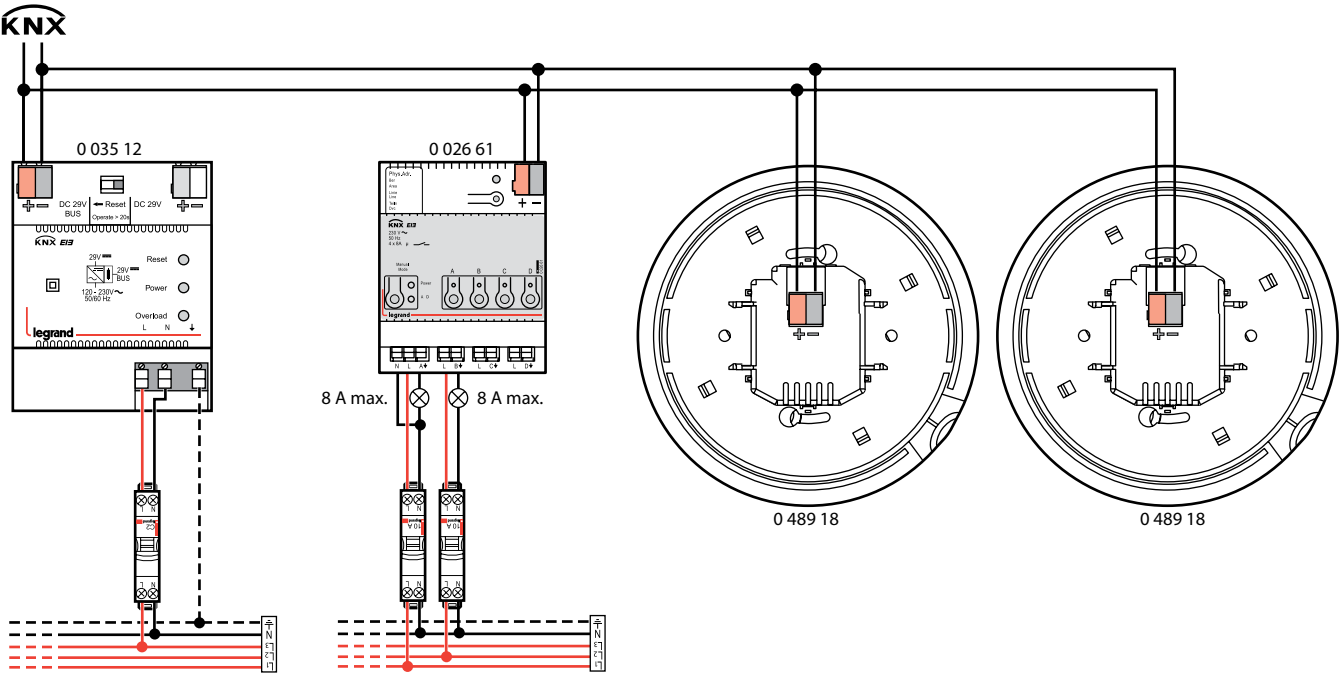
Auto ON/OFF operation of actuator outputs 1 and 2:

- The luminaires switch on automatically and regulation is enabled when human presence is detected.
- Regulation: If there is sufficient natural light, the luminaires will switch off automatically.
- The luminaires will switch off automatically after the room is vacated (at the end of a defined time delay).

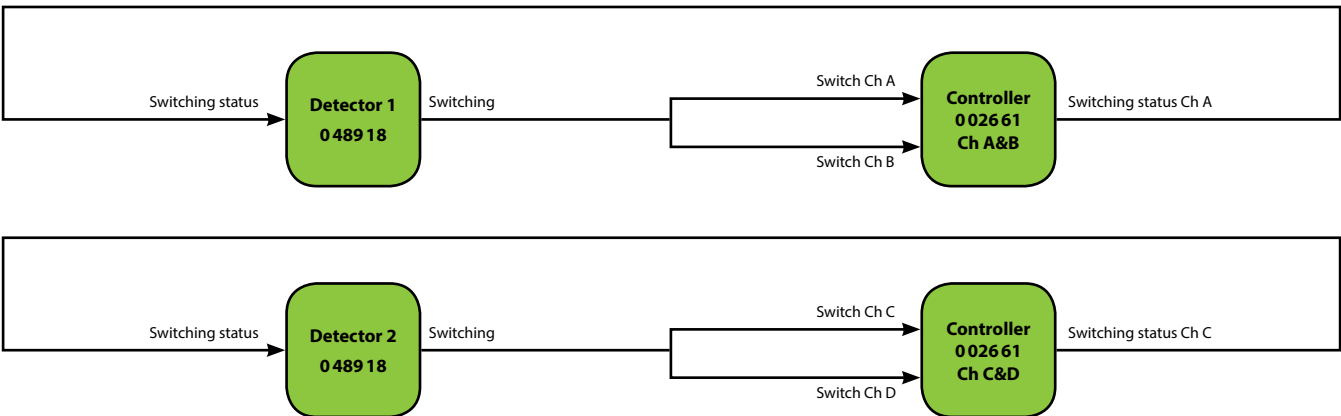
Auto ON/OFF operation of actuator outputs 3 and 4:

- The luminaires switch on automatically and regulation is enabled when human presence is detected.
- Regulation: If there is sufficient natural light, the luminaires will switch off automatically.
- The luminaires will switch off automatically after the room is vacated (at the end of a defined time delay).

3. WIRING DIAGRAM



4. KNX BLOCK DIAGRAM



5. KNX PROJECT

This project 016_Auto ON/Auto OFF.knxproj is available at www.legrandoc.com for import into ETS.

4-output actuator/Detector
Auto ON/OFF operation
Light level control

Cat. No(s): 002661
048918

6. ACTUATOR PARAMETERS 002661 - ADDR: 1.1.1

■ 6.1 General parameters

Participant: 1.1.1 002661

Functions, Objects
Channels A-D

----- General -----

Configuration identical for all channels

ON time during direct mode 15 minutes

8-bit scene control No

----- For each channel -----

Night mode No

Status objects switch Yes

Transmission of status objects on change in status

■ 6.2 Output parameters

Participant: 1.1.1 002661

Functions, Objects
Channels A-D

Operating mode Normal mode

Logic operation no logic operation

ON delay disabled

OFF delay disabled

Output state at mains voltage recovery as before voltage failure

7. DETECTOR PARAMETERS 1.1.2 & 1.1.3

Participant: 1.1.2 048918

General
Load
Light level config.
Detection config.
Auxiliary output
Advanced
Virtual keycard
Commissioning Tool

Main function Master : Light level & detection

Mode Auto ON/OFF

Active regulation Yes

Reaction speed Normal

Participant: 1.1.2 048918

General
Load

Use dimming load No

Participant: 1.1.2 048918

General
Load
Light level config.
Detection config.
Auxiliary output
Advanced
Virtual keycard
Commissioning Tool

Setpoint 300

Use external daylight cell No

Send condition On request only

Participant: 1.1.2 048918

General
Load
Light level config.
Detection config.
Auxiliary output
Advanced
Virtual keycard
Commissioning Tool

Use detection led Yes

Time delay : hours 0

Time delay : minutes 15

Time delay : seconds 0

Transfer In Occupancy" to "Occupancy status" No

Send condition On change

Max. number of messages per minute 1

Participant: 1.1.2 048918

General
Load
Light level config.
Detection config.
Auxiliary output
Advanced
Virtual keycard
Commissioning Tool

US sensitivity High

IR sensitivity Very high

Initial scheme PIR AND US

Maintain scheme PIR OR US

4-output actuator/Detector Auto ON/OFF operation Light level control

Cat. No(s): 002661
048918

8. KNX LINKS

Objet	Participant	Envoi	ACK (P...	Types de données	...	R	W	T	U
0/0/1 BUREAU 1/ D 1.1.2/ DETECTEUR 1									
1: Switching - Switching	1.1.2 048918	S	Non	switch	C	-	-	T	-
3: Switch, Channel A - On / Off	1.1.1 002661	S	Non		C	R	W	T	-
7: Switch, Channel B - On / Off	1.1.1 002661	S	Non		C	R	W	T	-
0/0/2 BUREAU 2/ D 1.1.3/ DETECTEUR 2									
1: Switching - Switching	1.1.3 048918	S	Non	switch	C	-	-	T	-
11: Switch, Channel C - On / Off	1.1.1 002661	S	Non		C	R	W	T	-
15: Switch, Channel D - On / Off	1.1.1 002661	S	Non		C	R	W	T	-
0/3/0 BUREAU 1/ NRC 1.1.1/ Ch1									
2: Switching Status - Switching S	1.1.2 048918	S	Non	switch	C	-	W	T	U
5: Status switch, Channel A - On	1.1.1 002661	S	Non		C	R	-	T	-
0/3/2 BUREAU 2/ NRC 1.1.1/ Ch3									
13: Status switch, Channel C - Or	1.1.1 002661	S	Non		C	R	-	T	-
2: Switching Status - Switching S	1.1.3 048918	S	Non	switch	C	-	W	T	U

9. MONITORING

Adresse de Groupe: ... Data point type: Brut (jusqu'à 6 bit) Valeur: 0 ☐ Envoyer cycliquement Délai (sec): 0

Valeur reçue:

#	Heure	Service	Indi...	Prio	Source.adr	Source	Dest.adr	Dest	Rout	Type	DPT	Info
Filtre	Filtre	Filtre	Filtre	Filtre	Filtre	Filtre	Filtre	BUREAU	Filtre	Filtre	Filtre	Filtre
29	2017-03-24 15:10:03.806	du bus		Low	1.1.2	1.1.2 048918	0/0/1	BUREAU 1/ D 1.1.2/ DETECTEUR 1	6	Ecrire	1.001 switch \$01	Marche
30	2017-03-24 15:10:03.886	du bus		Low	1.1.1	1.1.1 002661	0/3/0	BUREAU 1/ NRC 1.1.1/ Ch1	5	Ecrire	1.001 switch \$01	Marche
38	2017-03-24 15:10:20.205	du bus		Low	1.1.3	1.1.3 048918	0/0/2	BUREAU 2/ D 1.1.3/ DETECTEUR 2	6	Ecrire	1.001 switch \$01	Marche
39	2017-03-24 15:10:20.287	du bus		Low	1.1.1	1.1.1 002661	0/3/2	BUREAU 2/ NRC 1.1.1/ Ch3	5	Ecrire	1.001 switch \$01	Marche
42	2017-03-24 15:11:10.300	du bus		Low	1.1.2	1.1.2 048918	0/0/1	BUREAU 1/ D 1.1.2/ DETECTEUR 1	6	Ecrire	1.001 switch \$00	Arrêt
43	2017-03-24 15:11:10.380	du bus		Low	1.1.1	1.1.1 002661	0/3/0	BUREAU 1/ NRC 1.1.1/ Ch1	5	Ecrire	1.001 switch \$00	Arrêt
45	2017-03-24 15:11:25.253	du bus		Low	1.1.3	1.1.3 048918	0/0/2	BUREAU 2/ D 1.1.3/ DETECTEUR 2	6	Ecrire	1.001 switch \$00	Arrêt
46	2017-03-24 15:11:25.333	du bus		Low	1.1.1	1.1.1 002661	0/3/2	BUREAU 2/ NRC 1.1.1/ Ch3	5	Ecrire	1.001 switch \$00	Arrêt

Note:

Monitoring is performed after a 1 minute delay.