

Vitesse Plus 7 Hardwired Lighting Control System (VITP7-HW)

System Manual



VITP7-HW-LCM6-6DD

Hardwired lighting
control module

[Downloads and Videos](#)



VITP7-DIN-LCM6-6DD

Hardwired lighting control
module

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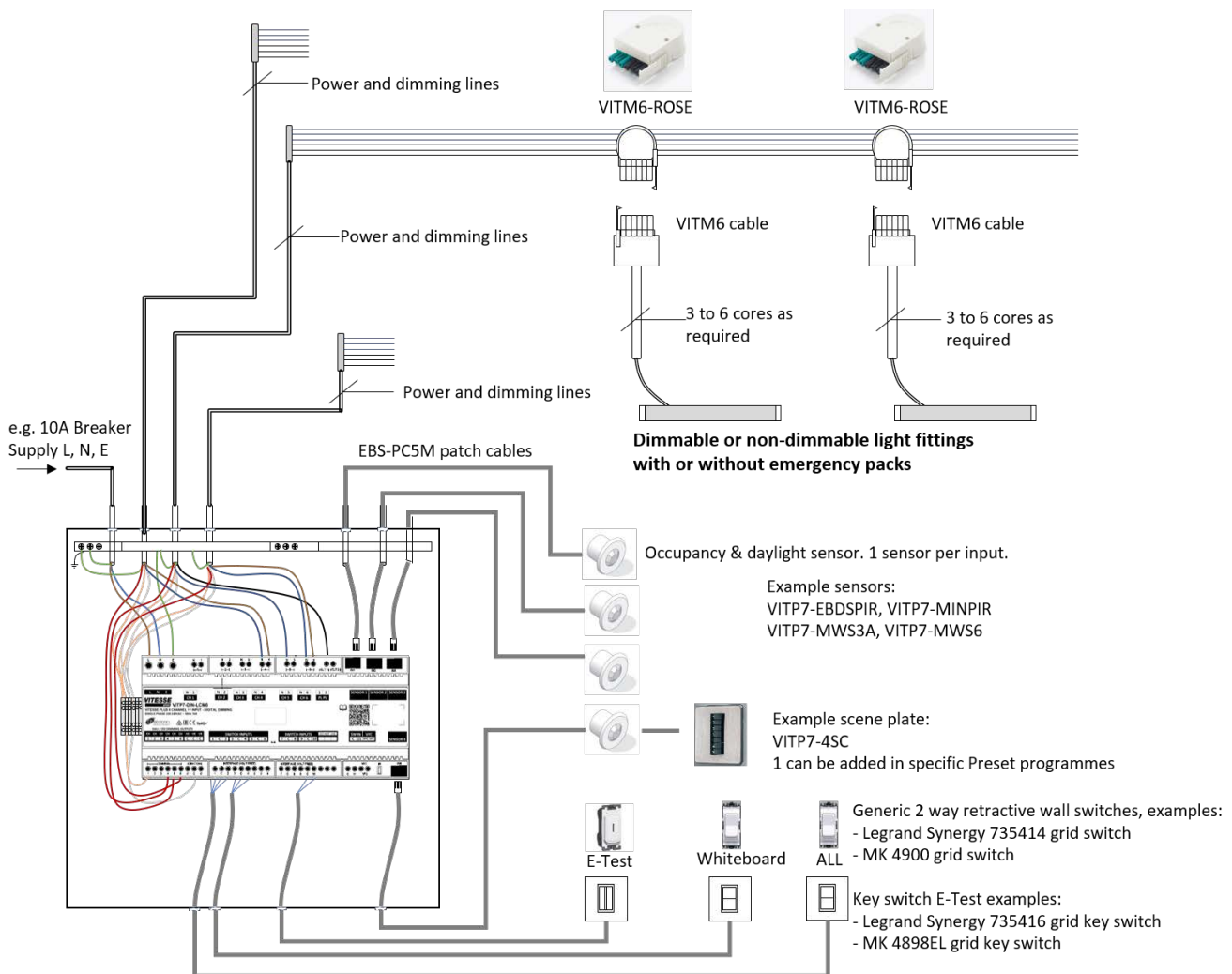
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About Vitesse Plus 7 Hardwired Lighting Controller

The VITP7 HW hardwired lighting controller is part of the Vitesse Plus 7 range of lighting control products. The hardwired controller uses only the sensors and system components from this range. Generic volt-free contact input switches are used via its general inputs and Vitesse Plus 7 scene plates can also be used via its bus input ports. General lighting loads are switched with relays and dimmable light fittings must be equipped with the appropriate compatible gear for example an industry standard DALI or DSI protocol that matches to the specific Vitesse Plus 7 controller model.

The function of the controller is determined by selecting one of many pre-designed configuration Presets programmed by using the UNLCDHS programming handset.

Overview example:



Important Notice

This device should be installed by a qualified electrician in accordance with the latest edition of the IEE wiring regulations.

Product Hardware and Installation

The Vitesse Plus DIN series of lighting control modules (LCMs) are used as part of the Vitesse Plus series 7 lighting control system.

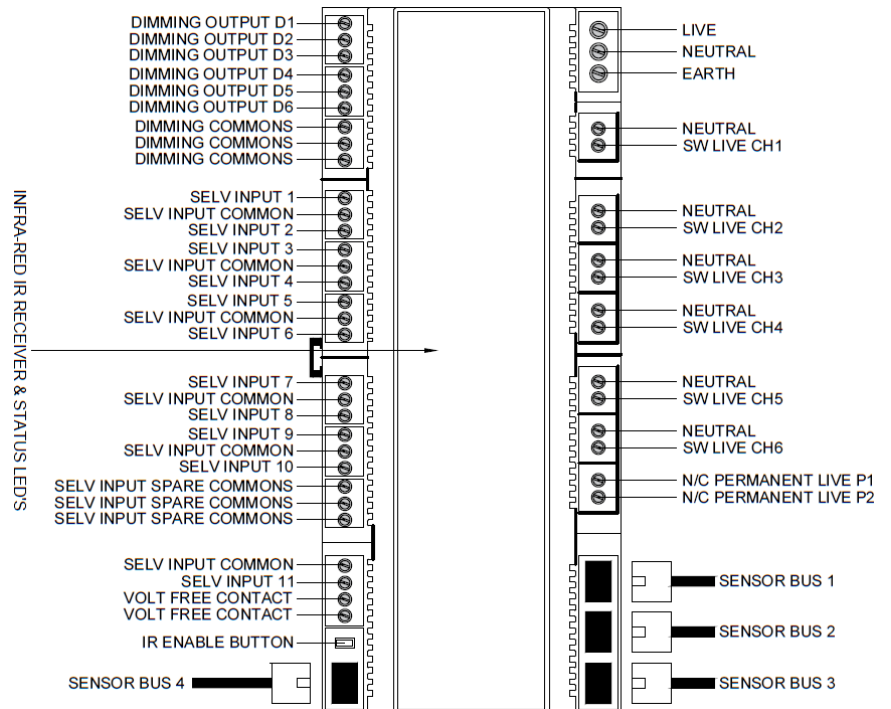
The VITP7-HW-LCM6-6DD (kit) is supplied in a kit form in an enclosure with wiring accessories ready for installation onsite.

The VITP7-DIN-LCM DIN-rail mounting unit is intended for 35mm DIN rail mount integration into the customer's own enclosure panel.

The unit requires 230v AC wiring and is to be installed by a competent engineer to minimise any risk of personal injuries or damage to the unit due to any errors in its connections.

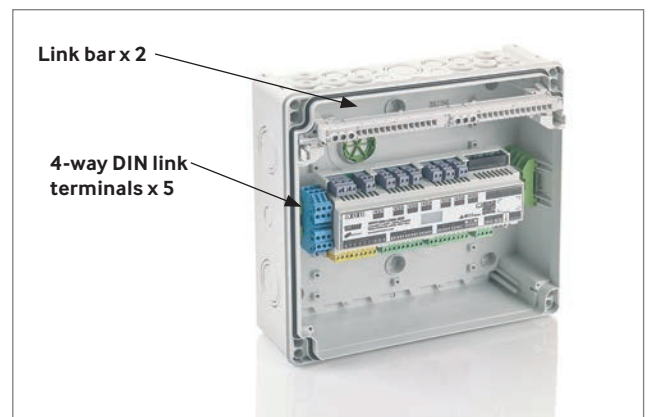


Max 1 sensor and 1 scene plate per sensor bus



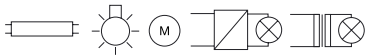
Terminals and Functions

The function of the unit is determined by programming via infra-red signals using the hand set UNLCDHS. See Systems Manual via the QR code on the front cover.



Technical Data

VITP7-DIN-LCM6-6DD DIN mount controller

Weight	0.50kg
Terminal capacity	1 x 2.5mm ² (max 3mm ²), 2 x 1.5mm ²
Supply voltage	230Vac +/- 10%
Circuit breaker rating	10A or less type B
Frequency	50Hz
Relay rating	Switched live 6A*
Switched permanent live	3A*
Volt free contact (VFC)	1A 24v DC resistive
Max load:	
Fluorescent lighting	6A*
Incandescent lighting	6A*
LED lighting	6A*
Motor equipment	3A
Load per LCM	10A

*Based on in-rush test of 200A 300μs

SON lighting	Switch SON lighting loads via a contactor
Number of drivers/ballasts	Maximum 20 drivers per channel (2mA drivers)
Cable lengths (dimming)	100m (0.5mm ² wire)
SELV	3 isolated circuits • SELV rated Logic power (sensor bus) • SELV inputs. • The non-SELV circuitry of the Dimming outputs
Temperature	-10 to 35°C
Humidity	5 to 95% non-condensing
Material (casing)	Flame retardant PC/ABS
Classifications	Insulation Class I
Purpose	Automatic control
Construction	Independently mounted control for 35mm DIN rail mounting
Ball pressure test	Insulating material retaining current carrying parts tested at 125°C, all other insulating materials tested at 75°C
Type of action	Type 1.B action micro disconnection
Overvoltage	Category III
Software class	Class A
Pollution	Degree 2

VITP7-HW-LCM6-6DD hardwired kit additional items

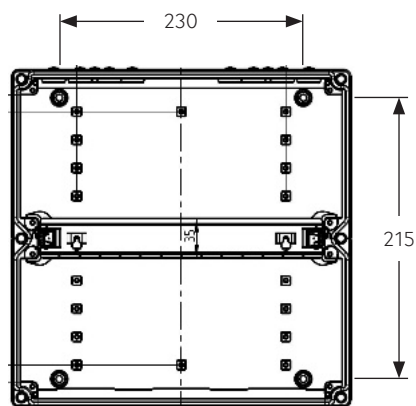
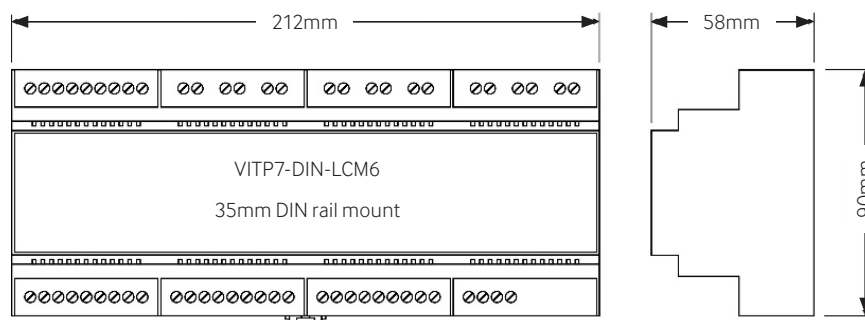
Total weight	2.80kg
Electrical rating	Link bars 400v, 125A
Terminal capacity	Link bars x 2 each providing: 3x16mm ² screw type and 14x 4mm ² clamp type DIN terminals 4-way x 5 each providing: 4 x 6mm ²
Protection environment	IP65 class II insulation, Impact rated to IK08
Material (enclosure)	Polycarbonate, corrosion tested to DIN EN 61439-1 Durability and against heat to DIN EN 60670-1, DIN EN 61439-1, DIN EN 62208 (960°C glow wire 30s)

General Compliance

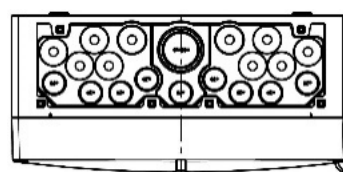
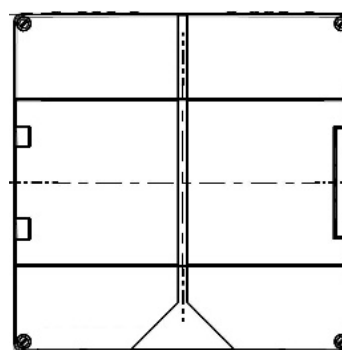
EU compliance	 EMC-2014/30/EU, LVD-2014/35/EU
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Important: For lighting purposes only with suitable circuit protection. For fixed wiring only.

Dimensions



VITP7-HW-LCM6 Mounting Centres.
Hole size $\leq$ M5



Knockouts (mm).
Top & bottom mix sizes of
16, 20, 25, 32, 40.

Part Codes

Lighting Controllers	VITP7-HW-LCM6-6DD	Vitesse Plus Hardwired 6 channel LCM DALI / DSI dimming (kit with enclosure and wiring aids)
	VITP7-DIN-LCM6-6DD	Vitesse Plus 6 channel DIN rail LCM DALI / DSI dimming unit only
Accessories	UNLCDHS	Universal LCD programming handset

Assembly of the Hardwired Controller Kit

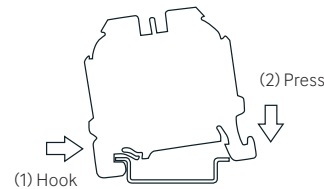
The VITP7-HW controller kit comes with the following items:

- 1 x VITP7 Lighting controller
- 1 x enclosure with pre-installed DIN rail and link bars
- 5 x DIN rail mount 4-way link terminals
- 1 x cover for DIN rail mount link terminals
- 1 x bag of conduit knockout cover accessories.

The kit makes allowance for the customer to make various adjustments to the physical position and orientation of different items. Kindly see the description document as delivered within the enclosure.

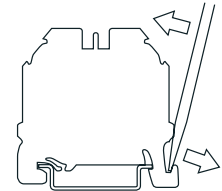
Mounting Procedure

1. Hook the unit on the DIN Track.
2. Press the unit onto the DIN Track to secure it.



Removal Procedure

1. Insert a flat-blade screwdriver into the DIN Track lock.
2. Use the screwdriver as a lever to free the lock.



DIN Rail Link Terminals

Assemble the side cover to the outer DIN rail link terminal to preserve its electrical insulation and install as many DIN rail link terminals as necessary to the DIN rail.

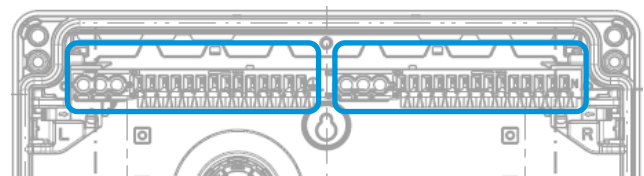
These Link terminals have 4-way internally linked screw terminal connections providing multi-purpose wiring junction point for the convenience of the installer.

The terminal and electrical capacity of the DIN rail terminals are as described in the specification table listed earlier.

Link bars within the enclosure

There are 2 link bars that comes with the enclosure each providing 3 x screw type and 14 clamp connections. These can be used to link up all the neutral or earth connections together for example. To open the clamp connection, use require a leverage tool such as the tip of a screw driver. Terminal capacity are as detailed in the specification table earlier.

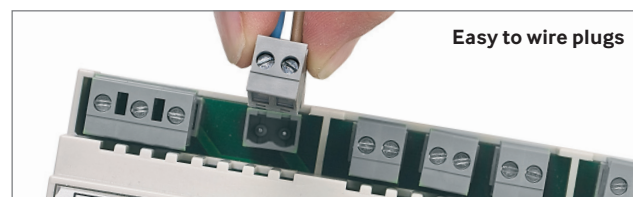
Be aware that the IP rating of the unit is only as good as the glands and covers used when opening the knockouts of the enclosure.



Connection Details

Removable Plug Terminals

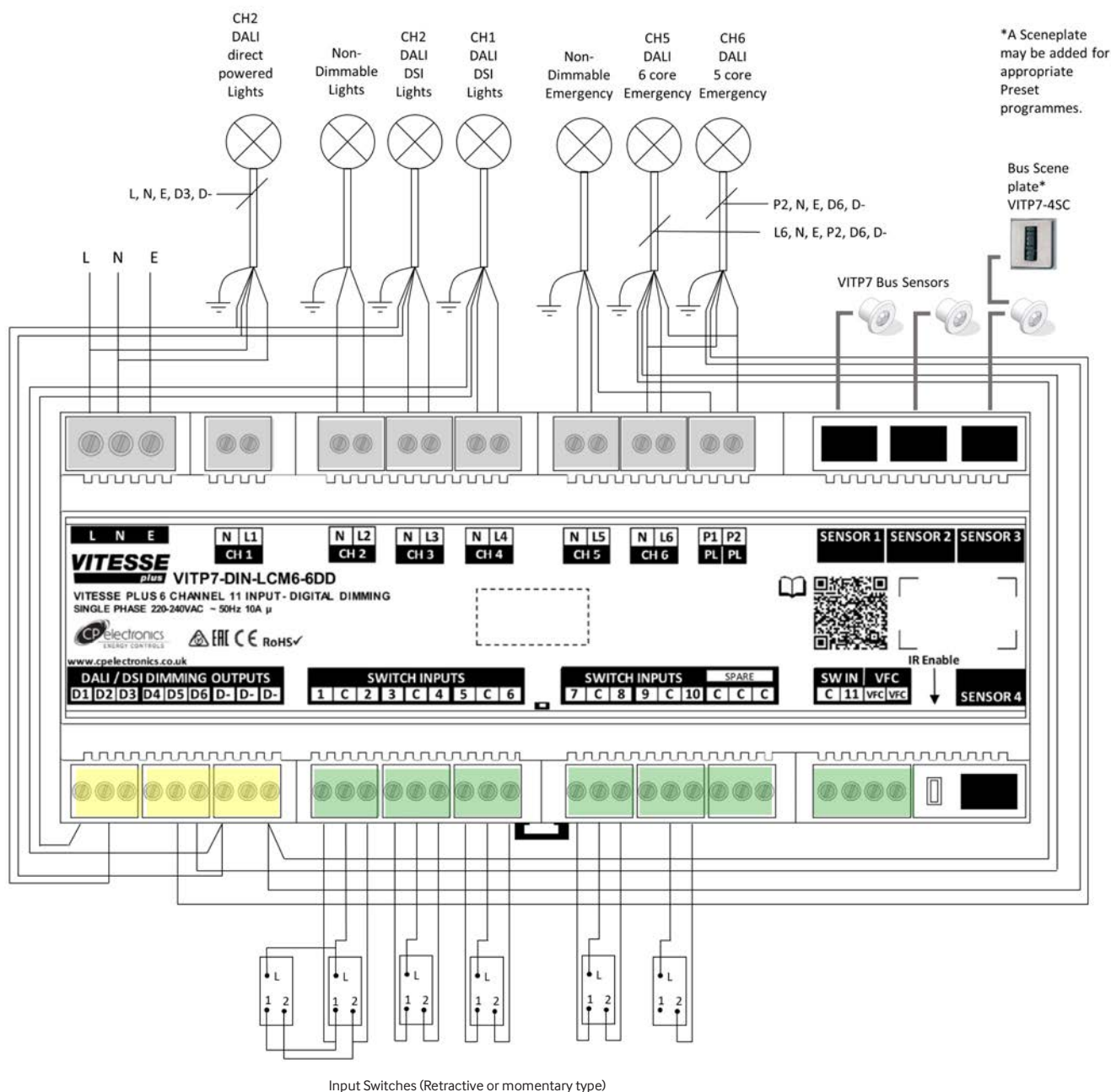
All the wiring connections on the controller unit are screw terminal types in removable plug format. This allows off-unit wiring of cable to plugs so that close to hand wiring is and visual inspection of correct wiring is made possible. These terminal plugs are also coded with matching colours and physical structure to reduce the chance of misconnection.



Easy to wire plugs

Connection Example

The following shows the varying possibilities in the way the controller can be connected to the input devices such as sensors and switches as also to its switched and dimmed the varying types of lighting loads. The appropriate method of connection should follow each Preset programme as shown in its corresponding schematic.



Quick Start Section

The explanation on the use of the controller is covered with in the walk-through section of the examples. For those with some familiarity of applying lighting controls already, the following summary steps would offer a quick start guide to the using the controller:

- 1) Pick the Preset number for Preset programmes from the Preset tables checking that its corresponding schematic matches the required application with respect to lighting fixtures and control regimes.
- 2) Decide the wiring or cabling method and connect matching electrically exactly as per the schematic that best suit the site installation environment.
- 3) Enable the controller for programming.
- 4) Programme the controller with the UNLCDHS handset with the Preset number and adjust any further parameters as necessary. Adjust time-out periods of the sensors as necessary to the sensors with the same handset.

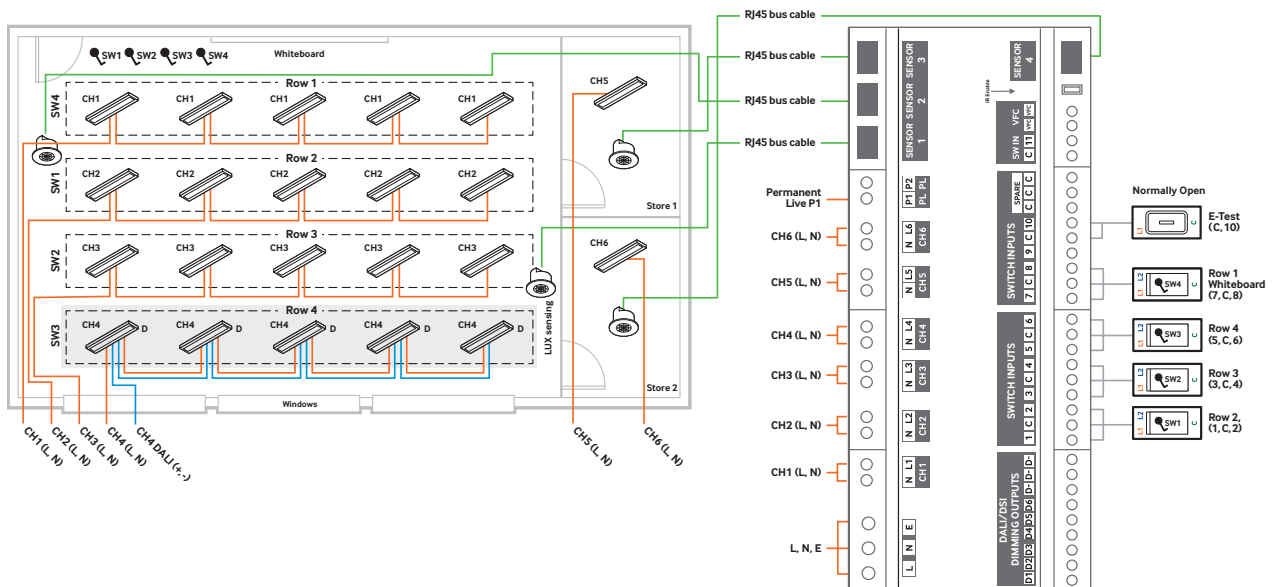
1. Pick the Preset Number

Pick the Preset number from the Preset table and ensure its schematic matches the required application.

Table 4: Window Row Dimming

Preset number		See page:
1	Classroom with 4 columns of lights cross daylight dimmed at the window row with 2 store rooms.	Page 29
4	Classroom with 4 rows of lights individually switched set in Absence mode daylight dimming on window row, with 2 store room working in Presence mode.	Page 32
5	Classroom with 4 rows of lights individually switched, set in Absence mode, daylight dimming on window row, whiteboard on Channels 1 & 2.	Page 33

Preset 4 – Room with 4 switch groups, Whiteboard on Ch 1 Absence detection, 2 storerooms Presence mode, Window row daylight (Lux) dimming.



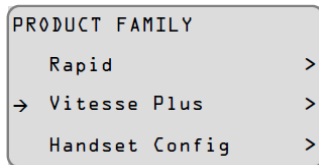
Preset 4

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 7,C,8 whiteboard	Sw 1,C,2	Sw 3,C,4	Sw 5,C,6	N/A	N/A	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	20%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

2. Programming the Controller

Use the UNLCDHS handset to send the required Preset configuration to the LCM.

- 1) Enable the controller ready for programming



Under the **PRODUCT FAMILY** menu, select :

Vitesse Plus 7 -> LCM -> IR Enable

- i. using the **+** or **-** button to select YES / NO then
- ii. press **S SEND** to send to the controller

- 2) Select and the Preset programme and send to programme the controller

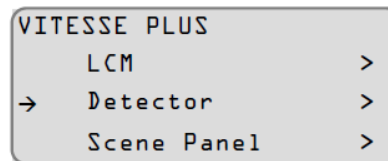
- 2.1) Select **Program** then press **↩**
- 2.2) Select **Preset** and type in the number of the configuration required (Preset number). In this case 4.
- 2.3) Point the handset directly at the controller and press **S SEND**

The controller will go through a boot up sequence and the LED will flash many times until the process is finished. It is now ready and the outputs will respond to the sensor and switch inputs as designed in that Preset programme.



3. Programming the Sensors

Select **VITESSE PLUS -> Detector -> Program**



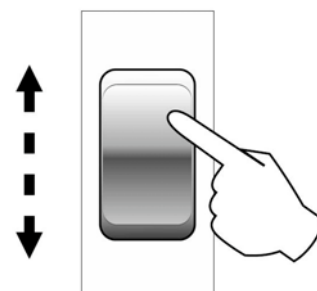
- 1) Select Timeout (mins) : 0-99 [change as desired]
Other parameters may be selected to change as required but the above is generally all that is required.
- 2) Point at the sensor and press **S SEND** to send the changes.



4. Operate Input Switch, See Output Response and Activate Daylight Dimming

Perform this sequence with the centre-biased retractive switch to activate daylight linking:

1. Dim all the way down
2. Dim all the way up
3. Switch off
4. Switch on



Functions of Particular Terminals

Input Power Terminals L,N,E

The controller unit have no internal power circuit protection properties and therefore the input power supply connected to the L,N terminals must be provided with external circuit protection breakers rated appropriately the latest wiring regulations generally governed by the cable size and method of connection.

Earth termination is required for the E terminal.

Channel Switched Outputs L1 to L6

L1 is the relay switched Live output connection of channel 1. Similarly, L2 follows in same way for channel 2. All the N connections are internally connected to the input neutral terminal N.

Permanent Live PL : P1, P2

Within each Preset programme there may be provided an emergency lighting test function responding to the operation of an input connected to a key switch for example. In such a function, the P1 and P2 terminals are normally connected to the input supply live terminal operating as normally closed operations and breaks this supply when the emergency lighting test input is active.

In some Preset programmes the P1 and P2 outputs operate together and in some of them the operate independently to their own inputs.

Dimming Outputs D1-D6, D-

The outputs of the controller control the dimming level of the lighting using the DALI or DSI dimming protocol each channel using the connections of D1 and D-. Terminals D2 and D- are the output connections for channel 2 dimming and works in a similar way for the remainder outputs D3 to D6.

All the D- terminals are connected internally together.

These connections must follow polarity indications and must be connected consistently to the lighting gear for example, D1 is always connected to D1 and D- is always connected to the D2 connections of the dimmable lighting gear.

The use of DSI or DALI protocol is switched by a parameter programmed by using the hand-held programmer.

Volt-free Outputs VFC

As an interface signal to another VITP7 controller or a 3rd party controller, the VFC volt-free contact output offers a status signal and will close to indicate so if the controlled area is currently 'in use'

The 'in use' status is defined as that of the lights being overridden to turn on under the control of the switch or scene plate inputs as well as any of the sensors detecting any movement within their Preset time period.

As a guide when linking VFC "in use" output status contacts of multiple Vitesse Plus controllers in parallel to an input of another corridor controlling Vitesse Plus, limit the connection to 10 units and a maximum cable run of 100m using cable size cross-section area of 0.2mm or greater.

Sensor Bus Inputs

Only the VITP7 series of sensors and scene plates can be used to connect to the sensor bus inputs of the controller. Only 1 sensor may be connected to each sensor bus input but some Preset programmes make provisions to allow a VITP7 scene plate to be connected in chain to one of these pre-assigned sensors on the indicated sensor bus input.

These assignments of particular input numbers MUST be strictly adhered to as per the schematic of that particular Preset in order for the unit to function as intended.

Switch Inputs

In general, momentary operation retractable switches are required for normal lighting operation unless otherwise indicated in the Preset schematic. Their function is indicated in the Preset charts. When the inputs are used as emergency test inputs or override inputs, the operation of the input should be a latched switch where they become active when held on.

Inputs C10 or C11 are sometimes programmed as emergency lighting test input where the test key switch may be connected as indicated in the schematic of the appropriate Preset programme.

Input C10 and sometimes C11 is used when held-on, and act as an override to turn all the outputs to ON which effectively, can be utilized as an emergency state response from a fire alarm system for example providing good lighting and offer a safe exit path for occupants of a building.

Extra Input Commons C, C, C

Terminals C, C, C are additional common terminals internally linked to the other input common terminals labelled as C at the switch input section.

Example Walk Through

- 1) Find and select your Preset programme to match your application
- 2) Choose your preferred wiring method to match the Preset programme schematic
- 3) Programme the controller and sensors once wired and powered

Find and Select Your Preset Programme

The Preset programmes are grouped in the tables based loosely on the type of dimming functionality of the application as oppose to the applications itself because so many of them are based on the classroom scenario. The schematics of each of Preset however, are ordered in the ascending numerical order. Note that not all the numbers are used in their natural sequence so you may find that some Preset numbers seem to skip the natural sequence.

Preset Groupings:

- | | |
|----------------------------------|-----------------------------|
| 1) All Channels Daylight Dimming | 6) Modular Build Classrooms |
| 2) Graduated Dimming | 7) Toilet / Shower Room |
| 3) Daylight Switching | 8) Corridor |
| 4) Window Row Dimming | 9) Special Switching |
| 5) Scene Control | |

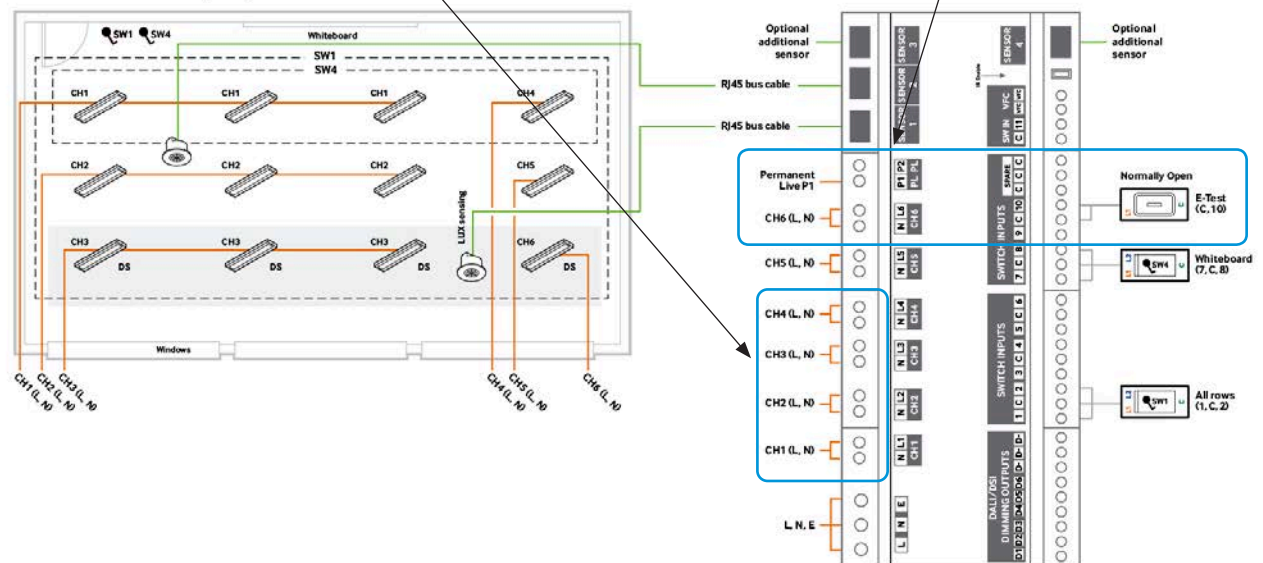
Example 1 : PRESET 29 – Classroom with 4 rows, daylight (Lux) switching

In this example, all the light fittings are non-dimmable but the controller can still offer daylight energy saving by switching the window row of lights OFF whenever there is enough natural daylight flooding in through the windows.

Lighting fixtures may be non-dimmable as is in this case using only the switched live and neutral outputs labelled for example L1, N for the channel CH1 (L,N)

Lighting fixture variants with emergency packs will also require the permanent live line P1 which can be switched OFF if the unit's emergency lighting testing feature is utilised by operating a key switch connecting the indicated switch input.

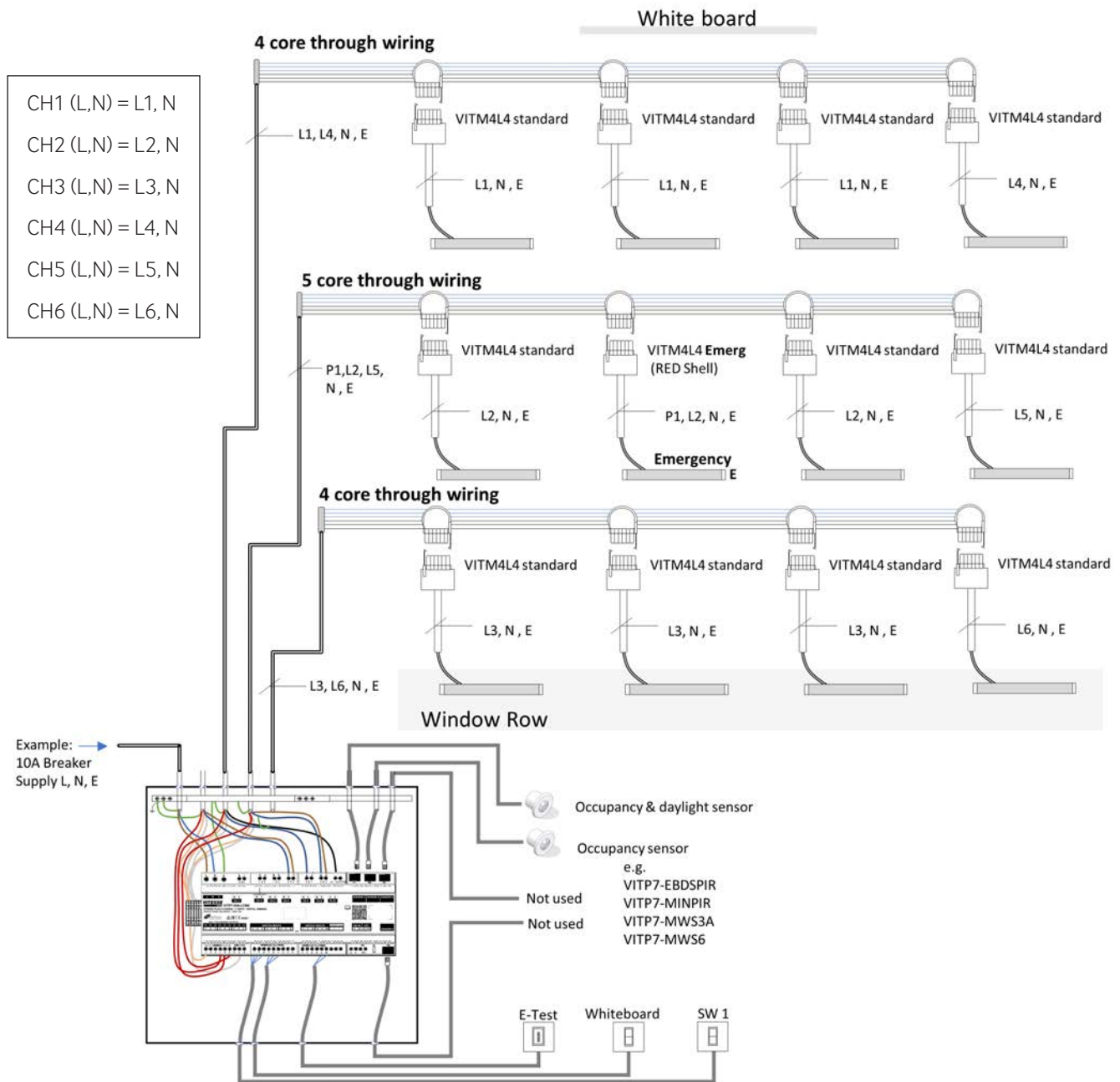
Preset 29 – Classroom with 3 rows of luminaire switching in absence mode. Daylight switching in the window row (Lux switching). Whiteboard column is switched separately.



Preset 29

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	NO	NO	YES	NO	NO	YES	N/A	N/A	N/A	N/A

Example 1: Preset 29 – Through Wiring Example

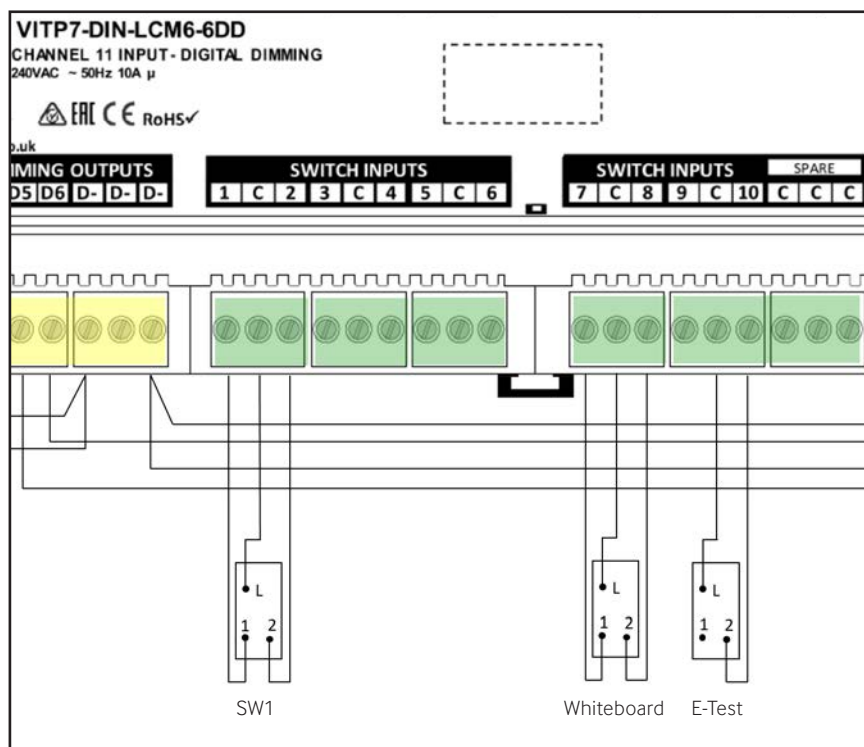


PRESET 29
 Window Row only daylight (lux) switch
 Separate Whiteboard row switching
 3 rows of switching

Notes on Emergency Fittings:

1. Rows with emergency lighting uses 6 core and those without need only 5 cores.
2. Permanent Live P1 connects to the Vitesse+ controller P1 output which operates to OFF when activated by the emergency lighting test key switch (E-Test) input.

Example 1: PRESET 29 – Input Wiring



Each retractive switch used in Preset 29 should be of 2-way centre off type.

2-way retractive wall switches, examples:

- Legrand Synergy 735414 grid switch
- MK K4900 grid switch

Key switch for emergency lighting test (E-Test) are to be latch type, examples:

- Legrand Synergy 735416 grid key switch
- MK K4898EL grid key switch

Example 1: PRESET 29 – Operation Scheme Explained

All the outputs channel 1-6 are switched in Absence mode to sensor group consisting of sensors 1 to 4. It is also controlled by the control inputs switched wired to the switch input terminals 1 & 2 and common C.

Preset 29

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	NO	NO	YES	NO	NO	YES	N/A	N/A	N/A	N/A

Output Channel 4 is switched in Absence mode to sensor group consisting of sensors 1 to 4. It is also controlled by the control inputs switched wired to the switch input terminals 7 & 8 and common C.

Daylight linked (Lux) switching applies and channel 3 is switched OFF when there is sufficient daylight available.

Example 2: PRESET 01

A classroom with only window row dimming according to natural daylight would therefore be within table Group 4. The row nearest to the whiteboard is independently switched but the whole room is switched OFF when fully vacated with absence of detection. In Absence mode the lights are only turned ON manually via the wall switches but switches OFF automatically by the sensors. Therefore, Preset 01 can be chosen!!

Table 4: Window Row Dimming		
Preset number		See page:
1	Classroom with 4 columns of lights cross daylight dimmed at the window row with 2 store rooms.	Page 30
4	Classroom with 4 rows of lights individually switched set in Absence mode daylight dimming on window row, with 2 store room working in Presence mode.	Page 33
5	Classroom with 4 rows of lights individually switched, set in Absence mode, daylight dimming on window row, whiteboard on Channels 1 & 2.	Page 34
6	Classroom with 5 rows of lights, master switch and whiteboard on channel 1. Absence mode, daylight dimming on window row, store room working in Presence mode.	Page 35
7	Classroom with 5 rows of lights, with master switch and whiteboard on channel 1 set in Absence mode, daylight dimming on window row.	Page 36
9	Classroom with 4 Columns of lights, with master switch and whiteboard on channel 1 & 5 set in Absence mode, daylight dimming on window row.	Page 38
13	Classroom with 5 rows of lights, with master switch and whiteboard on channels 1,3 and 5 set in Absence mode, daylight dimming on window row.	Page 42
15	Classroom with 3 rows of lights individually switched set in Absence mode daylight dimming on window row, with 2 store room working in Presence mode.	Page 44
16	Classroom with 3 Columns of lights individually switched set in Absence mode daylight dimming on window row, Whiteboard on Channels 1, 2 and 3.	Page 45
33	3 Rooms with 2 rows of luminaires in each, 1 switch per room, Presence mode. Daylight dimming on window row.	Page 62
34	2 Rooms with 2 rows of luminaires in each, 2 switches per room, Presence mode. Daylight dimming on window row.	Page 63
35	Room with 3 rows of luminaires working in Presence mode switched in 2 groups. Daylight dimming on window row.	Page 64

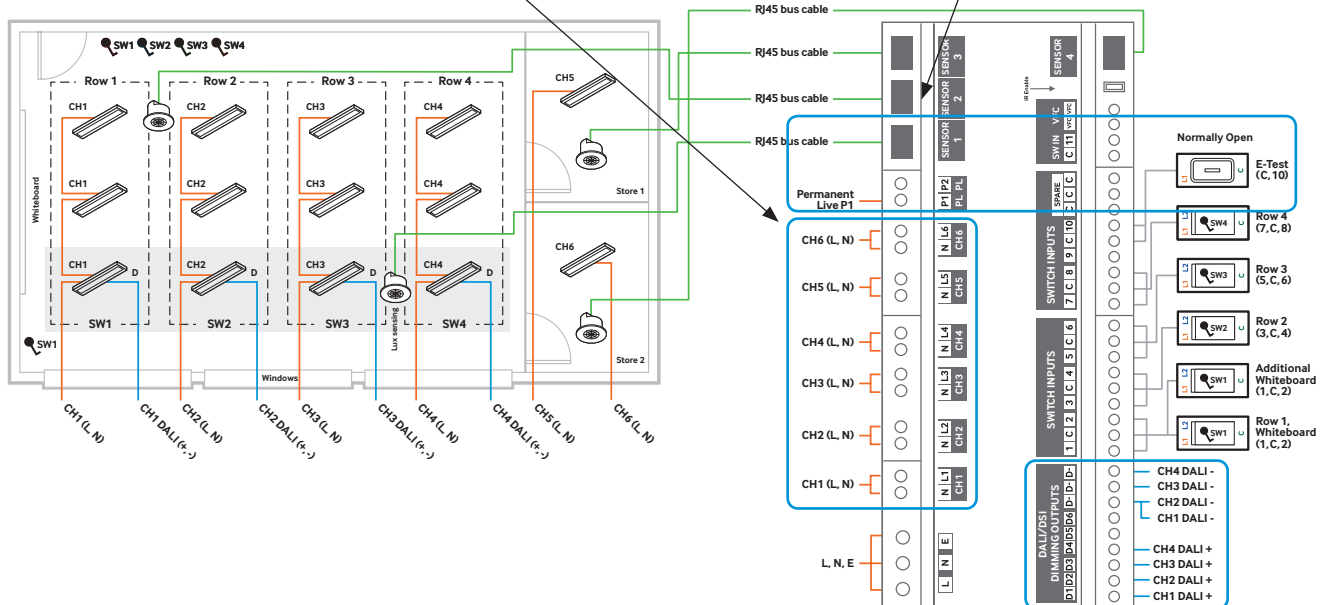
Example 2: PRESET 01 – Schematic

Each Preset programme schematic contains the summarised key information of the application. It would be easier to explain in sections firstly with the output wiring to the lighting fixtures.

Lighting fixtures may be switched only types using only the switched live and neutral outputs labelled as for example L1,N terminal pairs for channel 1 (CH1).

Lighting fixture variants with emergency packs will also require the permanent live line P1 which can be switched off if the unit's emergency light testing feature is utilised by operating a key switch connecting to the indicated switch inputs.

Preset 1 – Room with 4 switching groups set as absence detection, whiteboard on channel 1. Two store rooms set as presence detection. Window side daylight (Lux) dimming across switch groups channels 1 to 4.

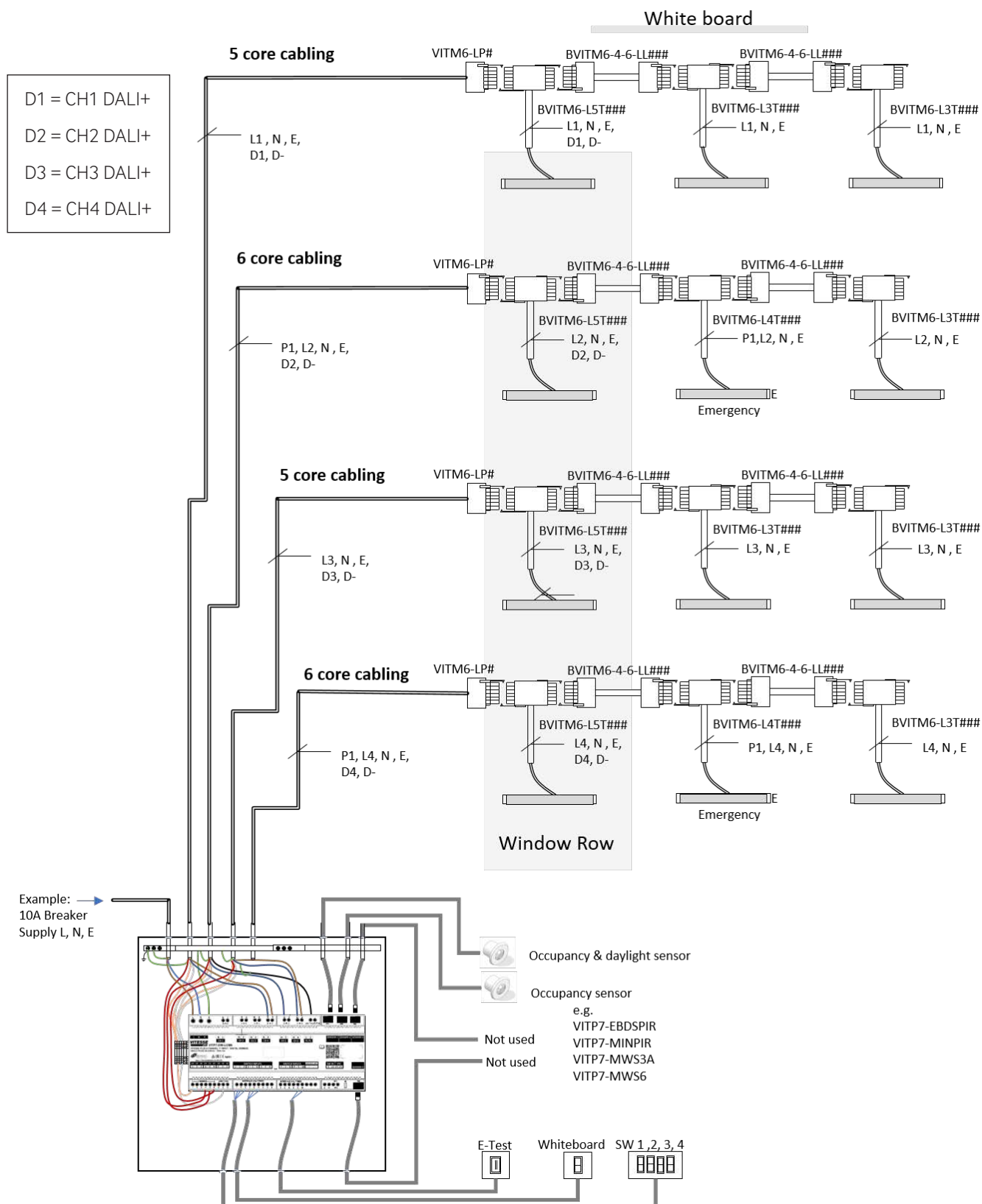


Preset 1

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 3,C,4	Sw 5,C,6	Sw 7,C,8	N/A	N/A	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	1-2	3	4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dimmable types may also use the dimming lines labelled for example as D1, D- for channel 1 (CH1) DALI dimming.

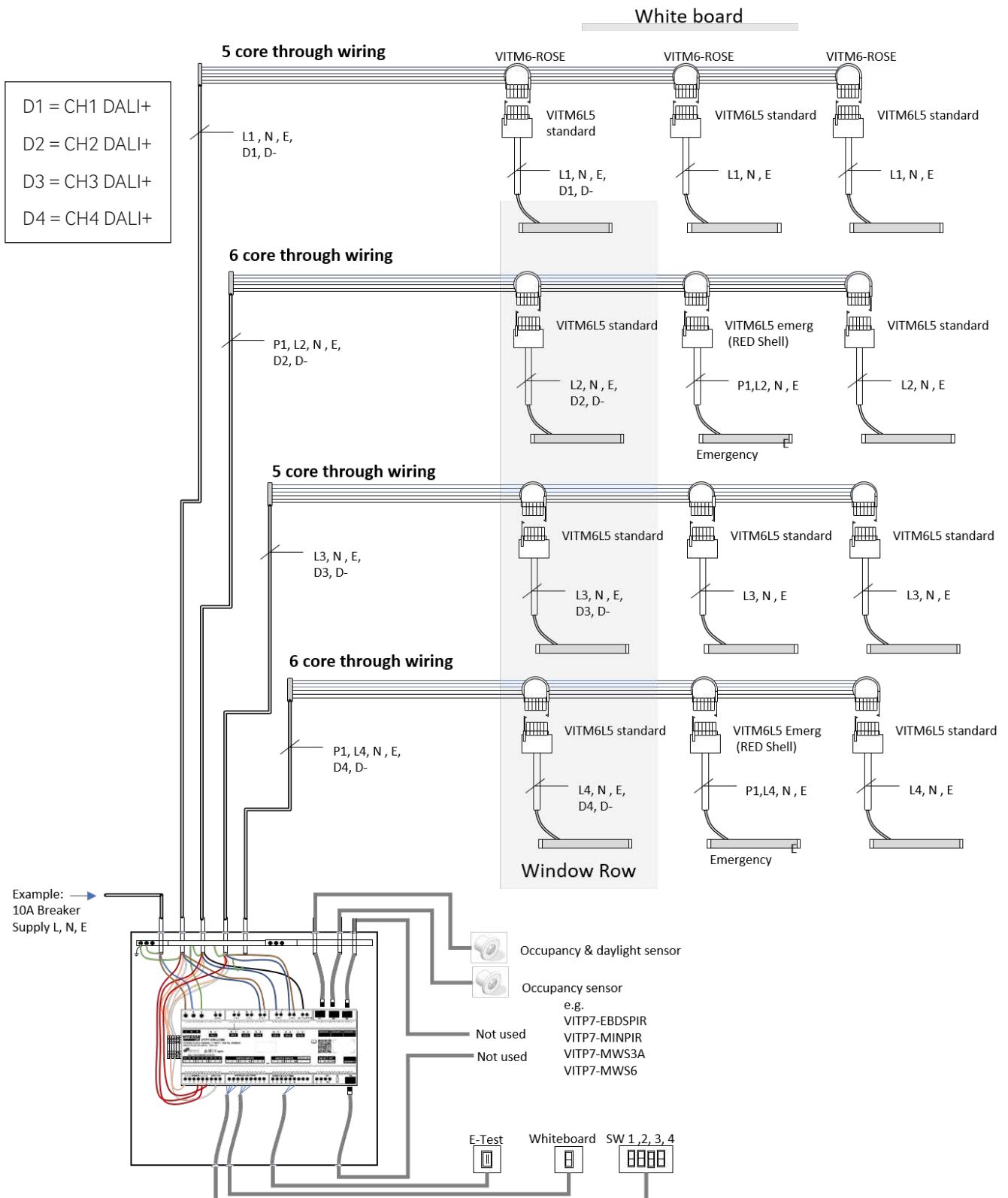
Example 2 Luminaire Wiring via Modular Cabling – Preset 01



Notes on Emergency Fittings:

- Rows with emergency lighting uses 6 core and those without need only 5 cores.
- Permanent Live P1 connects to the Vitesse+ controller P1 output which operates to OFF when activated by the emergency lighting test key switch (E-Test) input.

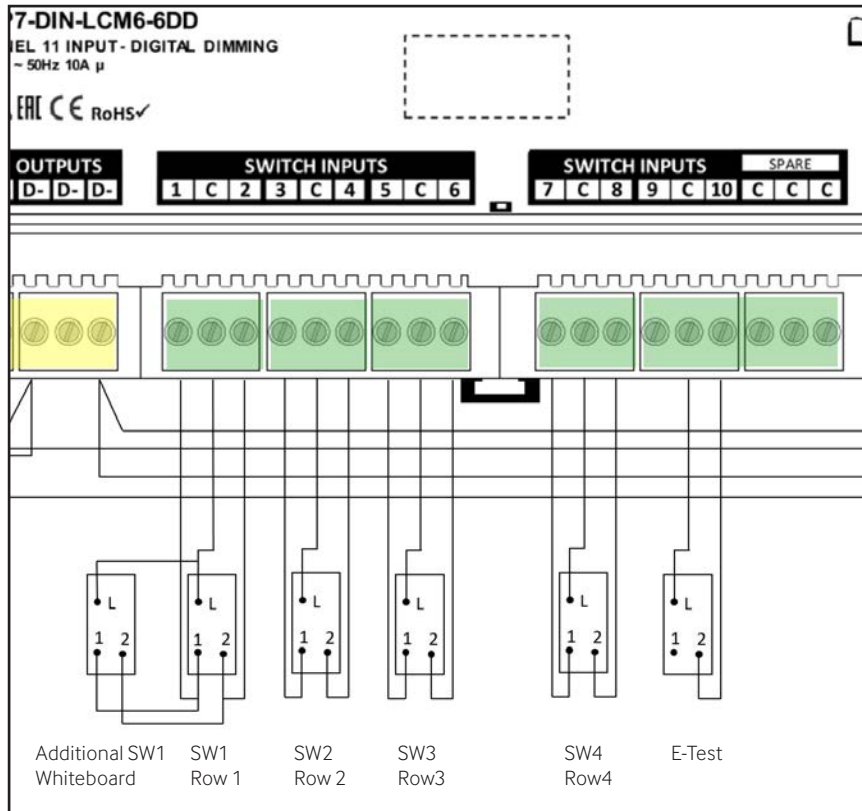
Example 2 Alternative Luminaire Wiring via Ceiling Rose – Preset 01



Notes on Emergency Fittings:

1. Rows with emergency lighting uses 6 core and those without need only 5 cores.
2. Permanent Live P1 connects to the Vitesse+ controller P1 output which operates to OFF when activated by the emergency lighting test key switch (E-Test) input.

Example 2 Input Switch Wiring – Preset 01



Each retractive switch used in Preset 01 should be of 2-way centre off type.

2-way retractive wall switches, examples:

- Legrand Synergy 735414 grid switch
- MK K4900 grid switch

Key switch E-Test examples:

- Legrand Synergy 735416 grid key switch
- MK K4898EL grid key switch

Example 2 Operation Scheme Explained – Preset 01

Output Channel 2 is switched in Absence mode to sensor group consisting of sensors 1 and 2. It is also controlled by the control input switched wired to the switch input terminals 3 & 4 and common C. Daylight linked dimming will go to as low as 20% when there is sufficient daylight available. In graduated dimming Preset programmes, some channels will dim to 60% instead. Channels marked as 100% denotes channel is unaffected by daylight and is dimmed only by switches or sensors.

Preset 1

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 3,C,4	Sw 5,C,6	Sw 7,C,8	N/A	N/A	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	1-2	3	4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Permanent Live line P1 will break to perform an emergency lighting test when the test key switch connects input 10 to common terminal C.

How To Program The Controller With a Preset Configuration

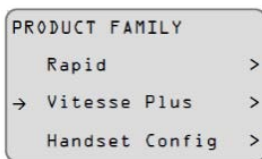
Example 1 Programming – Preset 01

Use the UNLCDHS handset to send the required Preset configuration to the LCM.

- 1) Enable the controller ready for programming
- 2) Point and send the message to programme the Preset programme.

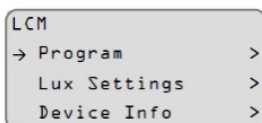
Enable the controller ready for programming:

- 1) Press  Power button to power on. The UNLCDHS handset memorises and returns to the previous menu on return from power.
- 2) Press  Home button to reach the top menu. You may need to press and hold for 2 secs to get to the very top of the menu tree.



- 3) Select **Vitesse Plus 7** from the main **PRODUCT FAMILY** menu and press  or the right arrow .
- 4) Select **LCM** then press .
- 5) Select **IR Enable** using the  or  button to select YES / NO then press .

Select and the Preset programme and send to programme the controller



- 4) Select **Program** then press .
- 5) Select **Preset** and type in the number of the configuration required (Preset number). In this case "1".
- 6) Point the handset directly at the device and press .

The controller will go through a boot up sequence and the LED will flash many times until the process is finished.

The controller is now ready and the outputs will respond to the sensor and switch inputs as designed in that Preset programme.

How To Program a Sensor

```
VITESSE PLUS
  LCM          >
→ Detector    >
  Scene Panel  >
```

- 1) Select **DETECTOR** and press  or the right arrow 

```
DETECTOR
→ Program    >
  User       >
  Device Info >
```

- 2) Select **PROGRAM** and press  or the right arrow 

```
PROGRAM
→ Time Out (mins) 10
  Light Level      600
  Detection Mode    No
```

- 3) Select **Time Out (mins)** and enter the number of minutes to wait (0–99) before lights turn off when absence detected.

```
PROGRAM
  Time Out (mins) 10
→ Light Level      600
  Detection Mode    No
```

- 4) Select **Light Level** and enter the LUX value (0–999) ambient light needs to fall to before lights are switched on.

- 5) Point the handset directly at the device and press 

- 6) Perform this sequence with the centre-biased retractive switch to activate switch overrides:

- i. Dim all the way down
- ii. Dim all the way up
- iii. Switch off
- iv. Switch on

Preset Programme Tables

Find and Select Your Preset Programme

The Preset programmes are grouped in the tables based loosely on the type of dimming functionality of the application as oppose to the applications itself because so many of them are based on the classroom scenario. The schematics of each of Preset however, are ordered in the ascending numerical order. Note that not all the numbers are used in their natural sequence so you may find that some Preset numbers seem to skip the natural sequence.

Preset Groupings:

- | | |
|----------------------------------|-----------------------------|
| 1) All Channels Daylight Dimming | 6) Modular Build Classrooms |
| 2) Graduated Dimming | 7) Toilet / Shower Room |
| 3) Daylight Switching | 8) Corridor |
| 4) Window Row Dimming | 9) Special Switching |
| 5) Scene Control | |

All Channels Daylight Dimming		
Preset number		See page:
2	Classroom with 4 Columns of lights switched in 2 groups set in Absence mode, and daylight dimming on all channels.	Page 31
3	Classroom with 4 Columns of lights switched in 2 groups set in Absence mode, and daylight dimming on all channels, Whiteboard on channels 5 & 6.	Page 32
14	Classroom with 3 Columns of lights, 3 switching groups whiteboard on channel 1, set in Absence mode, daylight dimming on all channels, with 2 store room working in Presence mode.	Page 43

Graduated Dimming		
Preset number		See page:
19	Classroom with 3 rows of lights Master switch with whiteboard on channels 1,2 and 3 set in Absence mode, Graduated dimming from window row.	Page 48
40	Classroom with 4 rows of lights individually switched set in Absence mode Graduated dimming from window row, with 2 store room working in Presence mode.	Page 69
41	Classroom with 5 rows of lights, master switch and whiteboard on channel 1. Absence mode, graduated dimming from window row, store room in Presence mode.	Page 70
42	Classroom with 4 Columns of lights, with master switch and whiteboard on channel 1 & 5 set in Absence mode, graduated dimming from window row.	Page 71
43	Classroom with 3 rows of lights individually switched set in Absence mode Graduated dimming from window row, with 2 store room working in Presence mode.	Page 72
44	2 Classrooms each with 2 rows of lights controlled from a Masters switch within each room, Also, each room has a Whiteboard switch, Set to Absence mode, Graduated dimming from window row.	Page 73
45	3 Rooms with 2 rows of luminaires in each, 1 switch per room, Presence mode. Graduated dimming from window row.	Page 74
46	2 Rooms with 2 rows of lights in each, 1 switching group per room, set to Presence mode. Graduated dimming from window row.	Page 75
47	2 Rooms with 2 rows of lights in each, 2 switching group per room, set to Presence mode. Graduated dimming from window row.	Page 76
48	Room with 3 rows of luminaires working in Presence mode switched in 2 groups. Graduated dimming in 2 groups from window row.	Page 77
86	Room with 3 rows of luminaires switched and dim in rows in Absence mode. Graduated dimming from window row with whiteboard column cross row switching.	Page 116

Daylight Switching		
Preset number		See page:
20	Classroom with 4 Columns of lights switched in 2 groups set in Absence mode, Whiteboard switch on channels 1 and 2, and daylight Switching on window row.	Page 49
21	Classroom with 4 rows of lights, switched in 4 groups set to Absence mode, daylight switching on window row, with 2 store room working in Presence mode.	Page 50
22	Classroom with 4 rows of lights, Master switch with Whiteboard switch on Channel 1, set to Absence mode, daylight switching on window row, with 2 store room working in Presence mode.	Page 51
23	Classroom with 5 rows of lights, Master switch with Whiteboard switch on Channel 1, set to Absence mode, daylight switching on window row, with 1 store room working in Presence mode.	Page 52
24	Classroom with 5 rows of lights, Master switch with Whiteboard switch on Channel 1 and 5, set to Absence mode, daylight switching on window row.	Page 53
25	Classroom with 4 Columns of lights, Master switch and Whiteboard on Channels 1 and 2 set to Absence mode, daylight switching on window row, with 2 store room in Presence mode.	Page 54
26	Classroom with 4 Columns of lights, Master switch and Whiteboard on Channels 1 and 2 set to Absence mode, daylight switching on window row.	Page 55
27	Classroom with 4 Columns of lights, Master switch and Whiteboard on Channels 5 and 6 set to Absence mode, daylight switching on window row.	Page 56
28	Classroom with 6 Columns of lights, Master switch and Whiteboard on Channels 1 and 2 set to Absence mode, daylight switching on window row.	Page 57
29	Classroom with 4 Columns of lights, Master switch and Whiteboard on Channels 1 and 4 set to Absence mode, daylight switching on window row.	Page 58
30	Classroom with 3 Columns of lights, switch in 3 groups. Whiteboard on Channels 1 and 2 set to Absence mode, daylight switching on window row.	Page 59
31	Classroom with 3 rows of lights, 3 switching groups with Whiteboard on Channel 1, set to Absence mode, daylight switching on window row, with 2 store room working in Presence.	Page 60
32	2 Classrooms each with 3 rows of lights, Masters switch in each room, Whiteboard switch in each room. Set to Absence mode, and daylight switching on Window row.	Page 61
36	3 Rooms with 2 rows of luminaires in each, 1 switch per room, Presence mode. Daylight switching on window row.	Page 65
37	2 Rooms with 2 rows of lights in each, 1 switching group per room, set to Presence mode. Daylight switching on window row.	Page 66
38	2 Rooms with 2 rows of lights in each, 2 switching group per room, set to Presence mode. Daylight switching on window row.	Page 67
39	1 Room with 3 rows of luminaires working in Presence mode switched in 2 groups. Daylight switching on window row.	Page 68

Window Row Dimming		
Preset number		See page:
1	Classroom with 4 columns of lights cross daylight dimmed at the window row with 2 store rooms.	Page 30
4	Classroom with 4 rows of lights individually switched set in Absence mode daylight dimming on window row, with 2 store room working in Presence mode.	Page 33
5	Classroom with 4 rows of lights individually switched, set in Absence mode, daylight dimming on window row, whiteboard on Channels 1 & 2.	Page 34
6	Classroom with 5 rows of lights, master switch and whiteboard on channel 1. Absence mode, daylight dimming on window row, store room working in Presence mode.	Page 35
7	Classroom with 5 rows of lights, with master switch and whiteboard on channel 1 set in Absence mode, daylight dimming on window row.	Page 36
8	Classroom with 4 Columns of lights, master switch and whiteboard on channel 1, set in Absence mode, daylight dimming on window row, with 2 store room working in Presence mode.	Page 37
9	Classroom with 4 Columns of lights, with master switch and whiteboard on channel 1 & 5 set in Absence mode, daylight dimming on window row.	Page 38
10	Classroom with 4 Columns of lights, with master switch and whiteboard on channel 5 & 6 set in Absence mode, daylight dimming on window row.	Page 39
11	Classroom with 5 Columns of lights, master switch and whiteboard on channel 1, set in Absence mode, daylight dimming on window row, with 1 store room working in Presence mode.	Page 40

Window Row Dimming		
Preset number		See page:
12	Classroom with 6 Columns of lights, master switch and whiteboard on channel 1, set in Absence mode, daylight dimming on window row.	Page 41
13	Classroom with 5 rows of lights, with master switch and whiteboard on channels 1,3 and 5 set in Absence mode, daylight dimming on window row.	Page 42
15	Classroom with 3 rows of lights individually switched set in Absence mode daylight dimming on window row, with 2 store room working in Presence mode.	Page 44
16	Classroom with 3 Columns of lights individually switched set in Absence mode daylight dimming on window row, Whiteboard on Channels 1, 2 and 3.	Page 45
17	2 Classrooms each with 2 rows of lights controlled from a Masters switch within each room. Also, each room has a Whiteboard switch, Set to Absence mode, and daylight dimming on window row, also storeroom in each area set to Presence mode.	Page 46
18	2 Classrooms each with 3 Columns of lights controlled from a Masters switch within each room, also each room has a Whiteboard switch. Set to Absence mode, and daylight dimming on window row.	Page 47
33	3 Rooms with 2 rows of luminaires in each, 1 switch per room, Presence mode. Daylight dimming on window row.	Page 62
34	2 Rooms with 2 rows of luminaires in each, 2 switches per room, Presence mode. Daylight dimming on window row.	Page 63
35	Room with 3 rows of luminaires working in Presence mode switched in 2 groups. Daylight dimming on window row.	Page 64
87	Classroom with 3 rows of lights switched in rows in Absence mode. Whiteboard column is switched across the rows of lights. Daylight dimming on window row only.	Page 117

Scene Control		
Preset number		See page:
49	Retail space with 3 rows of lights, switched in 3 groups with master scene control, Daylight dimming all channels, Manual on/off detectors provide only daylight.	Page 78
50	Retail space with 3 rows of lights, switched in 3 groups with master scene control, Daylight switching on window row, Manual on/off detectors provide only daylight.	Page 79
51	Retail space with 3 rows of lights, switched in 3 groups with master scene control, Graduated dimming from window row, Manual on/off detectors provide only daylight.	Page 80
52	Classroom with 4 Columns of lights individually switched set in Absence mode with Master Scene control, 2 store room working in Presence mode.	Page 81
53	Classroom with 4 Columns of lights switched in 3 groups with Master Scene control, Absence mode, Whiteboard switch on channels 1 and 2. Graduated dimming from window row.	Page 82
54	Classroom with 4 rows of lights individually switched set in Absence mode with Master Scene control Graduated dimming from window row. 2 store room working in Presence mode.	Page 83
55	Classroom with 5 rows of lights switched in 3 groups set in Absence mode with Master Scene control Graduated dimming from window row. Store room working in Presence mode.	Page 84
56	Classroom with 4 Columns of lights, master switch and Whiteboard on channel 1, set in Absence mode with Master Scene control. 2 store room working in Presence mode.	Page 85
57	Classroom with 3 rows of lights individually switched set in Absence mode, Master Scene Control, Graduated dimming from window row. 2 store room working in Presence mode.	Page 86
58	2 Classrooms each with 3 rows of lights, Master switch in each room, Whiteboard switch in each room. Set to Absence mode, and Scene control.	Page 87
59	2 Classrooms each with 2 rows of lights controlled from a Masters switch within each room, each room has a Whiteboard switch, Set to Absence mode, Graduated dimming from window row and Scene Control.	Page 88
60	3 Rooms with 2 rows of luminaires in each, 1 switch per room, Presence mode. Graduated dimming from window row and Master Scene control.	Page 89
61	2 Rooms with 2 rows of lights in each, 1 switch per room, set to Presence mode. Graduated dimming from window row and Scene Control.	Page 90
62	2 Rooms with 2 rows of lights in each, 2 switch per room, set to Presence mode. Graduated dimming from window row and Scene Control.	Page 91
63	Room with 3 rows of luminaires working in Presence mode switched in 2 groups. Graduated dimming in 2 groups from window row and Scene Control.	Page 92

Modular Build Classrooms		
Preset number		See page:
64	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 1. Graduated dimming. Windows on 2 sides. Set as Absence mode.	Page 93
65	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 1. Daylight dimming all channels. Windows on 2 sides. Set as Absence mode.	Page 94
66	Classroom with 3 rows of lights Master Switch and Whiteboard. Daylight dimming on window rows. Windows on 3 sides. Set as Absence mode.	Page 95
67	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 1. Graduated dimming on window row. Set as Absence mode.	Page 96
68	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 4,5 and 6. Graduated dimming on window row. Set as Absence mode.	Page 97
69	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 4,5 and 6. Graduated dimming. Windows on 2 sides. Set as Absence mode.	Page 98
70	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 4,5 and 6. Daylight switching on window row. Set as Absence mode.	Page 99
71	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 4,5 and 6. Windows on 2 sides with Daylight switching on window rows. Set as Absence mode.	Page 100
72	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 4 and 6. Windows on 3 sides with Daylight switching on window rows. Set as Absence mode.	Page 101
73	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 1. Daylight switching on window row. Set as Absence mode.	Page 102
74	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 1. Windows on 2 sides with Daylight switching on window rows. Set as Absence mode.	Page 103
75	Classroom with 3 rows of lights Master Switch and Whiteboard on channel 1 and 3. Windows on 3 sides with Daylight switching on window rows. Set as Absence mode.	Page 104

Toilet/shower room		
Preset number		See page:
76	4 Rooms set to work in Presence mode, any area turns on Channel 1 can be used for Fan or Water shut off valve.	Page 105

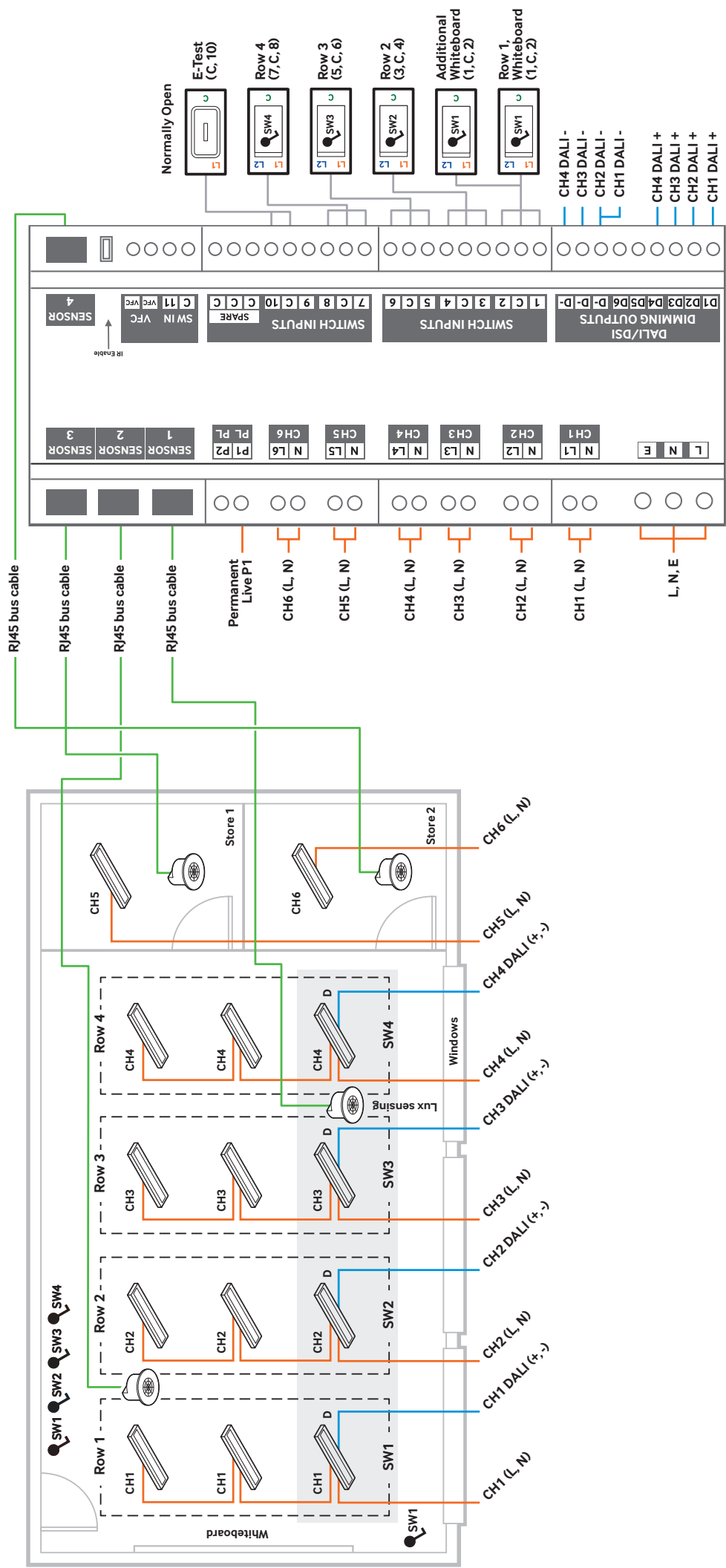
Corridor		
Preset number		See page:
77	Corridor with daylight dimming. Presence mode on half of outputs.	Page 106
78	Corridor with dimming. Presence mode only.	Page 107
79	Corridor with 50% of luminaires controlled by a PIR and 50% controlled by switch input.	Page 108

Special switching		
Preset number		See page:
80	1 Room with 6 Columns of lights with 1 single retractive switch per row, set in Absence mode with all channel's daylight dimming.	Page 109
81	1 Room split into 4 switching groups, 2 groups set to Daylight Switching and 2 Groups set to Daylight Dimming, each group has its own detector set to Absence mode.	Page 110
82-83	1 Room with windows on 2 sides using 2 LCM's giving 6 Columns of lights and 1 switch per Column, set in Absence mode with daylight dimming on window rows. Whiteboard on Channels 3 and 4 of LCM 83.	Page 112
84-85	1 Room with windows on 2 sides using 2 LCM's giving 4 rows of lights and 1 switch per row, set in Absence mode with daylight dimming on window rows. Whiteboard on Channel 5 of LCM 85.	Page 114

Offices		
Preset number		See page:
88	Open plan office working in presence mode mapped as 2 work cells. Daylight (Lux) graduated dimming is applied from the window rows.	Page 118
89	Office with automatic ambient light controlled on presence mode plus 4 columns of luminaires switched separately and daylight (Lux) full graduated dimming in absence mode (Note manual switch dimming is not available).	Page 119
90	Office with 4 columns of luminaires switched separately and daylight (Lux) graduated dimming in absence mode (Note manual switch dimming is not available).	Page 120
91	Office with 4 columns of luminaires switched separately and daylight (Lux) graduated dimming in presence mode (Note manual switch dimming is not available).	Page 121
92	Office with 2 occupancy groups switched separately in 4 zones and daylight (Lux) graduated dimmed for the window cells in presence mode (Note manual switch dimming is not available).	Page 122
93	Open plan office working in presence mode as four groups with their own wall switches. Scene control and daylight (Lux) graduated dimming as scene 1, all fittings dimmable. Graduated daylight dimming in scene 1. Optional presence channels 5 and 6.	Page 123
94	Open plan office working in presence mode as two groups with their own wall switches. Scene control and daylight (Lux) graduated dimming as scene 1, all fittings dimmable. Graduated daylight dimming in scene 1.	Page 124
95	Open plan office working in presence mode as four groups with their own wall switches. Scene control and daylight (Lux) graduated dimming as scene 1, all fittings dimmable. Graduated daylight dimming in scene 1.	Page 125
96	Office with 4 columns of luminaires switched separately and daylight (Lux) uniformly dimmed in absence mode in 4 groups. Switch Live channels 5 & 6 are optional.	Page 126
97	2 office rooms with 2 columns of luminaires each, switched separately and daylight (Lux) graduated dimmed in Presence mode in their room groups (Note manual switch dimming is not available).	Page 127

Preset 01

Room with 4 switching groups set as absence detection, whiteboard on channel 1. Two store rooms set as presence detection. Window side daylight (Lux) dimming across switch groups channels 1 to 4.

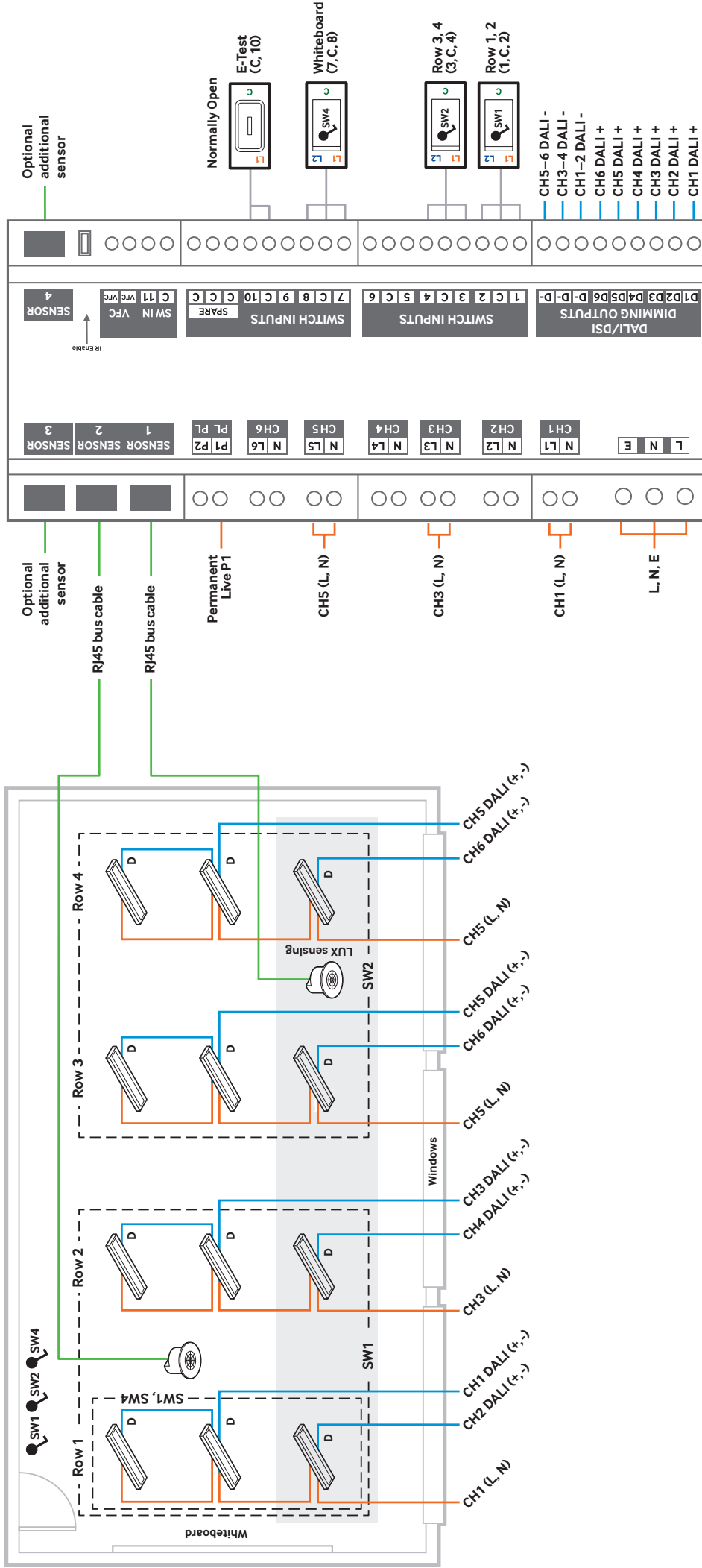


Preset 1

Channels		1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode		Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs		Sw 1,C,2	Sw 3,C,4	Sw 5,C,6	Sw 7,C,8	N/A	N/A	C,10	C,10	C,11	All relevant inputs
Sensor Inputs		1-2	1-2	1-2	1-2	3	4	N/A	N/A	N/A	1-4
Lux Dim Level		20%	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 02

Room with 2 switching groups with Whiteboard switch on Ch 1, Set as Absence detection with Window row daylight (Lux) dimming.



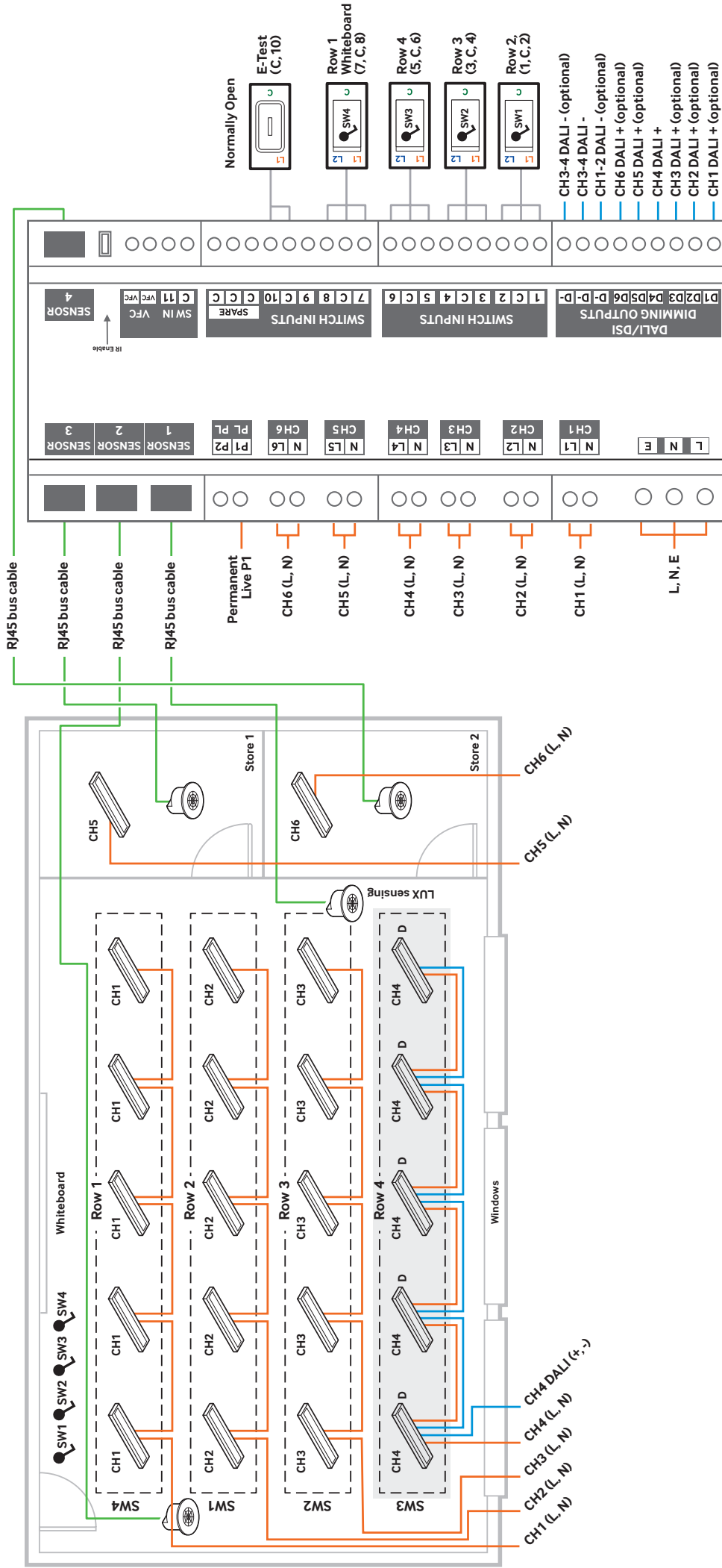
Preset 2

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	Sw 3,C,4	Sw 3,C,4	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	100%	20%	100%	20%	100%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[illegible]

Preset 04

Room with 4 switch groups, Whiteboard on Ch 1 Absence detection, 2 storerooms Presence mode, Window row daylight (Lux) dimming.

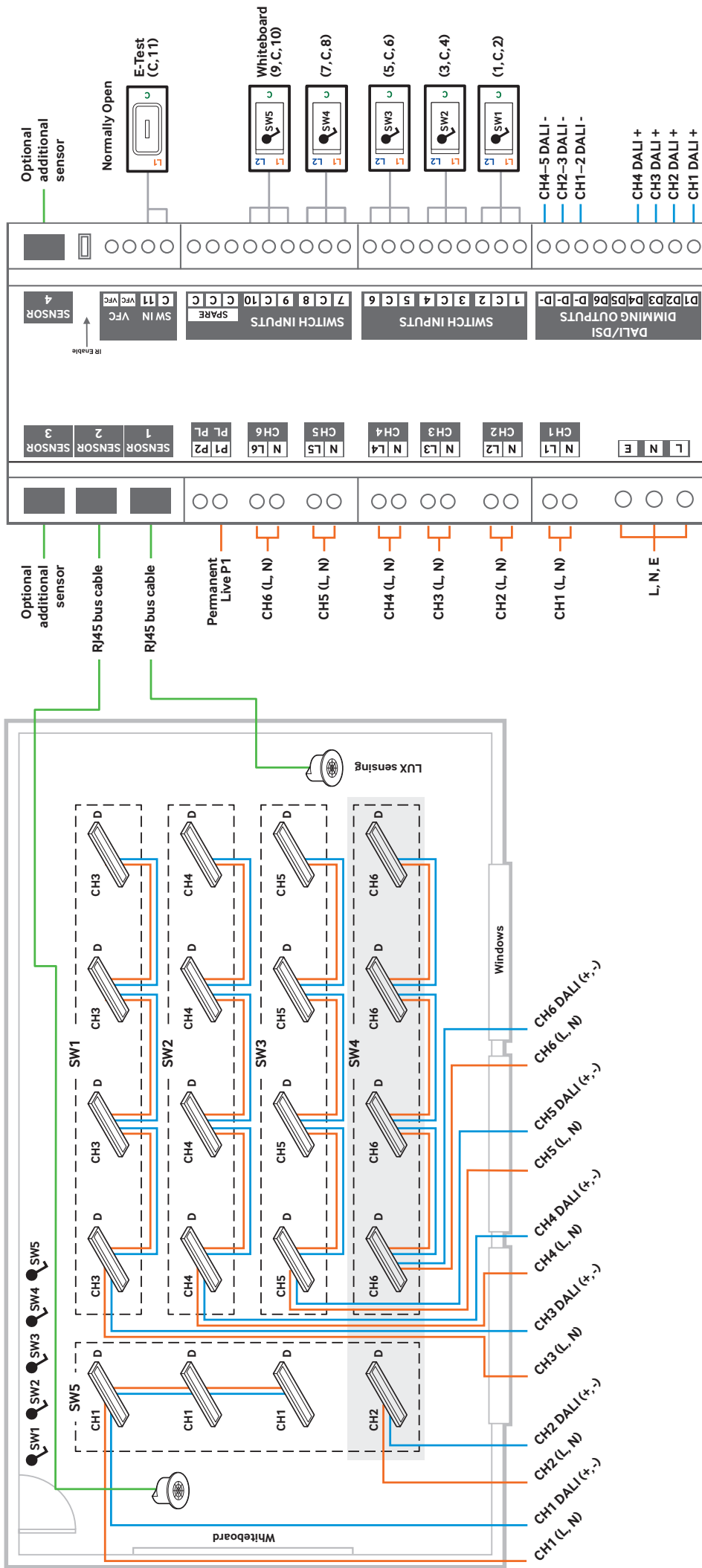


Preset 4

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 7,C,8 whiteboard	Sw 1,C,2	Sw 3,C,4	Sw 5,C,6	N/A	N/A	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	1-2	3	4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 05

Classroom with luminaires working in absence mode. Separate whiteboard row switching and dimming. Daylight linked (Lux) dimming on window row only. Remaining lights can be manually dimmed by switches.



Preset 5

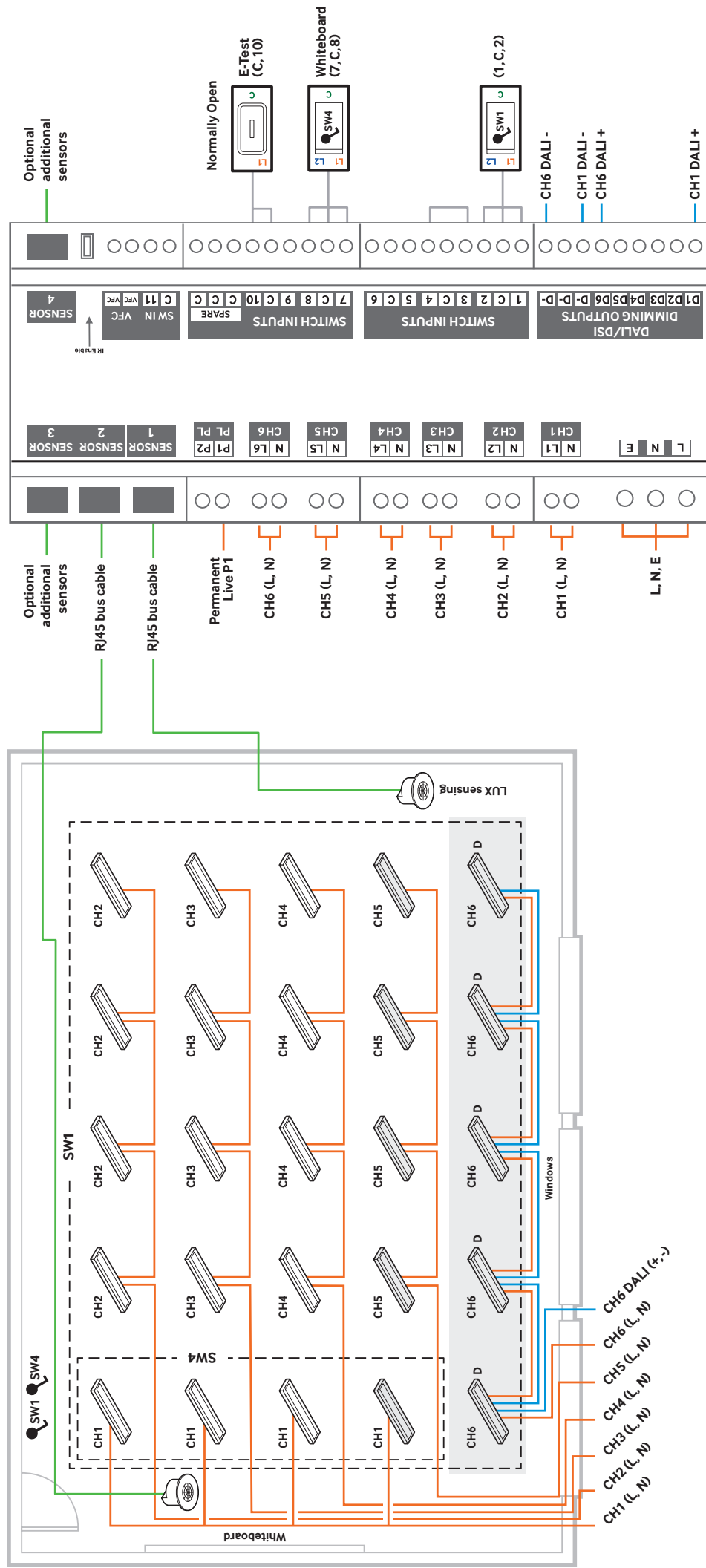
Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 9,C,10 whiteboard	Sw 9,C,10 whiteboard	Sw 1,C,2	Sw 3,C,4	Sw 5,C,6	Sw 7,C,8	C, 11	C, 11	N/A	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	20%	N/A	N/A	N/A	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Classroom with luminaires working in absence mode. Whiteboard on channel 1.
Store cupboard working in presence mode. Window row daylight (Lux) dimming.

[illegible]

Preset 07

Classroom with luminaires working in absence mode. Whiteboard on channel 1.
Daylight (Lux) dimming at window row.

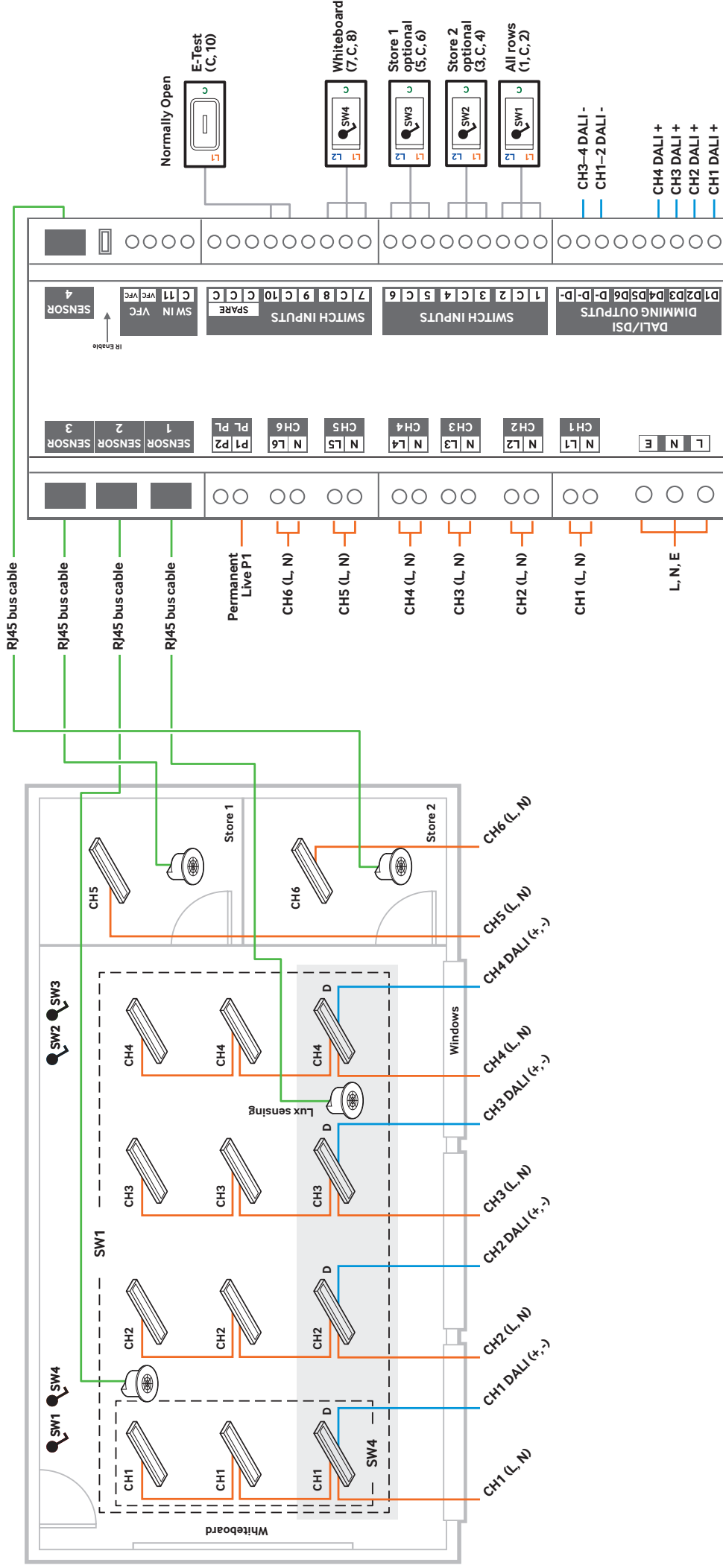


Preset 7

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard 7, C, 8	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 08

Classroom with luminaires working in absence mode. Whiteboard on channel 1.
Store cupboards working in presence mode. Window row daylight (Lux) dimming across channels 1 to 4.

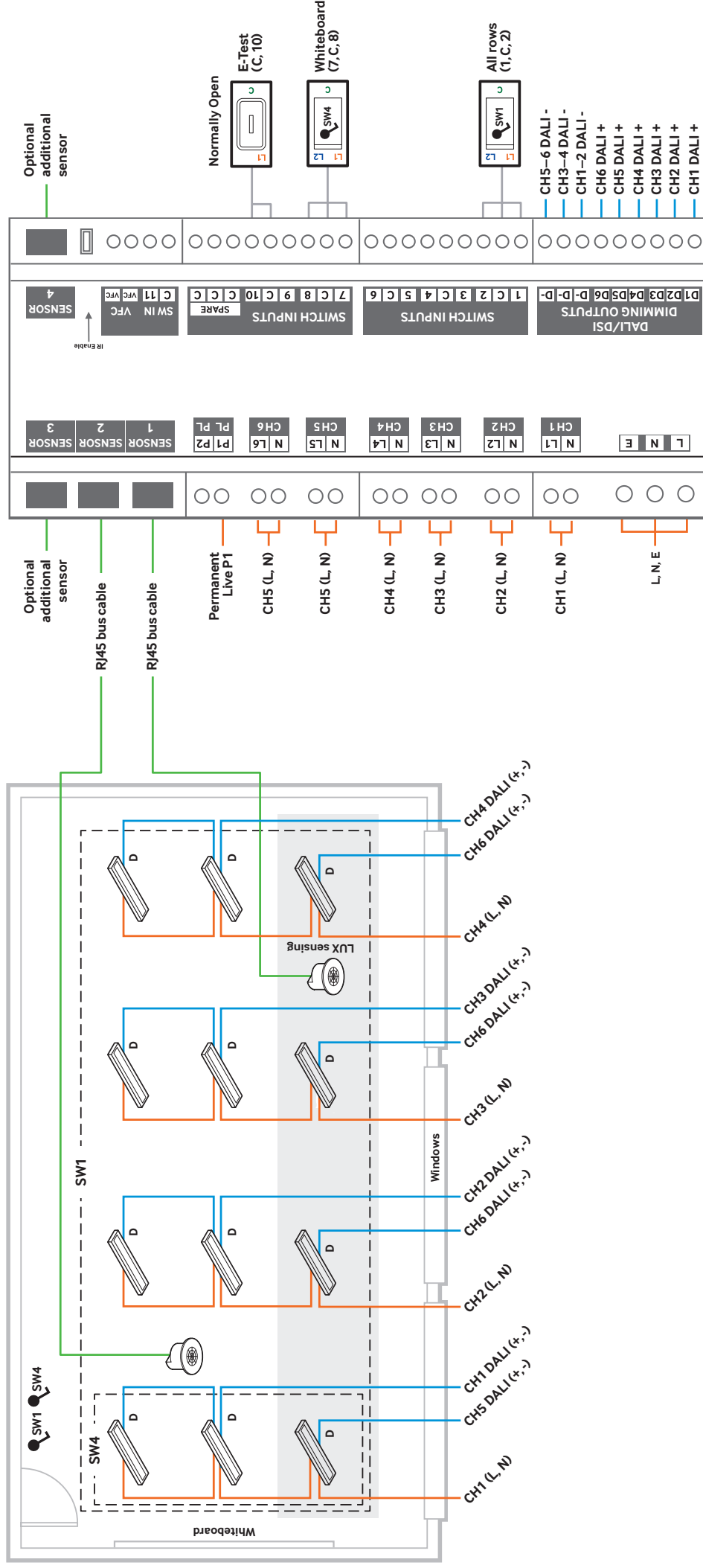


Preset 8

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard 7, C, 8	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2	Sw 3, C, 4	Sw 5, C, 6	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	1-2	3	4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 09

Classroom with 4 rows of luminaires working in absence mode, whiteboard on channel 1.
Daylight (Lux) dimming at window row. Manual dimming for the rest.

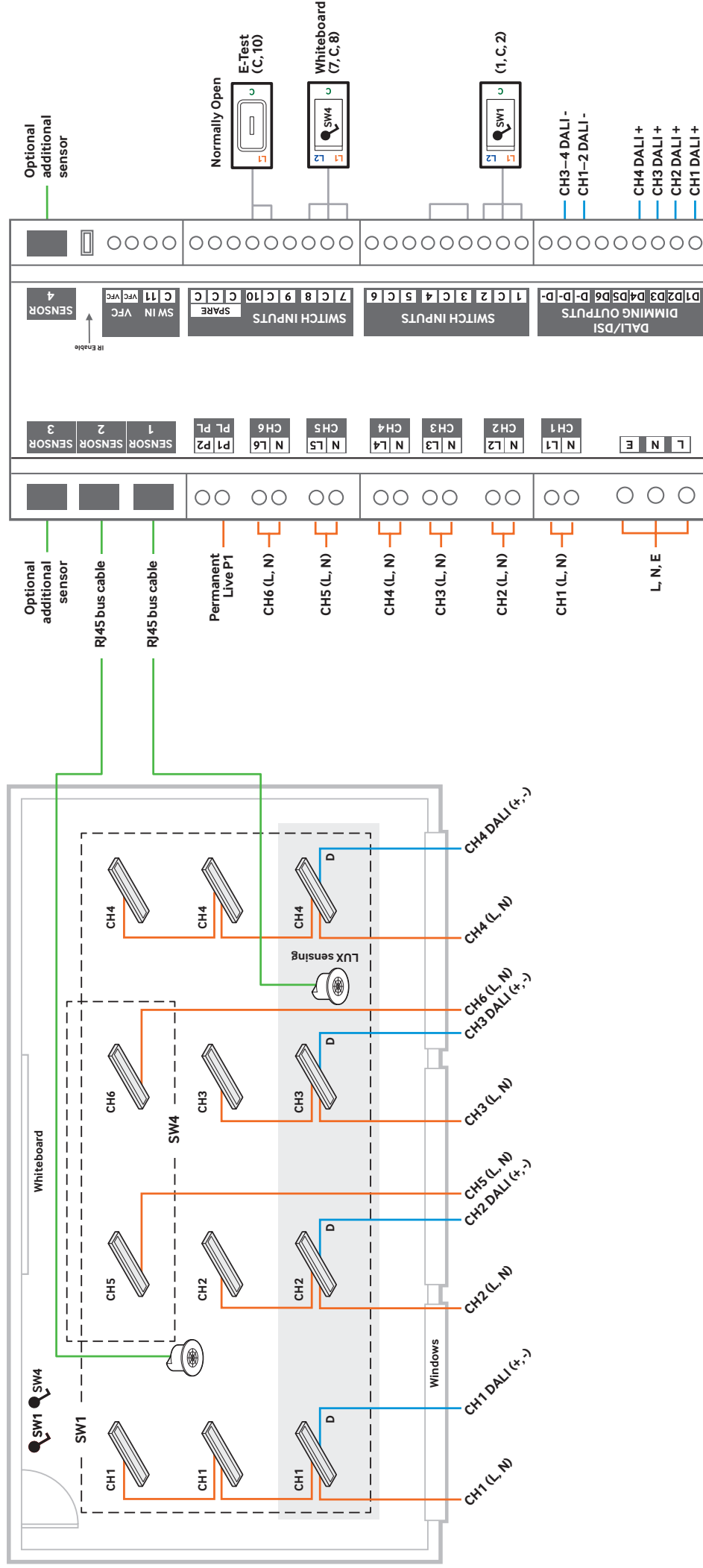


Preset 9

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1-C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	20%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 10

Classroom with luminaires working in absence mode. Whiteboard on channels 5 and 6.
Daylight (Lux) dimming at window row

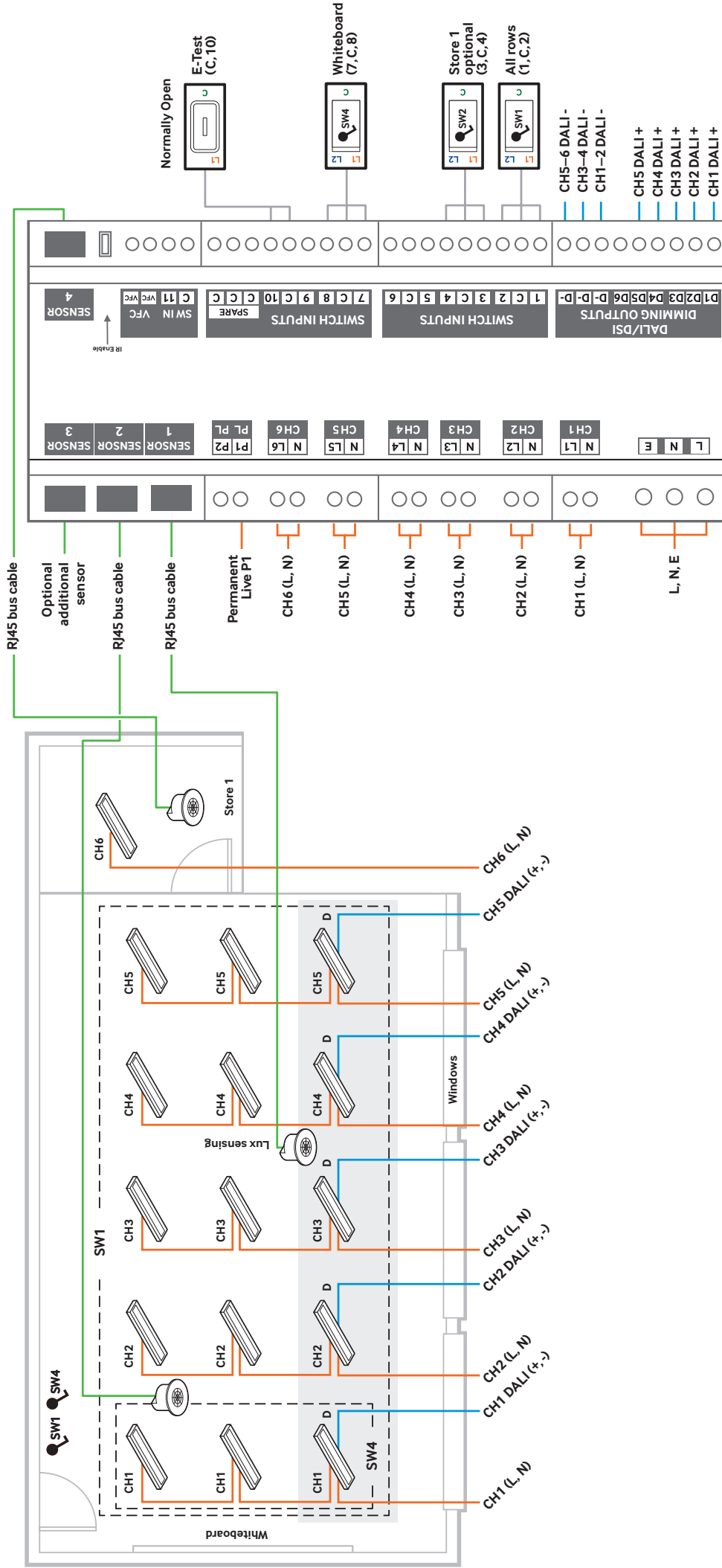


Preset 10

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1-C-2	Sw 1-C-2	Sw 1-C-2	Sw 1-C-2	Sw 1-C-2	Sw 1-C-2	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	20%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 11

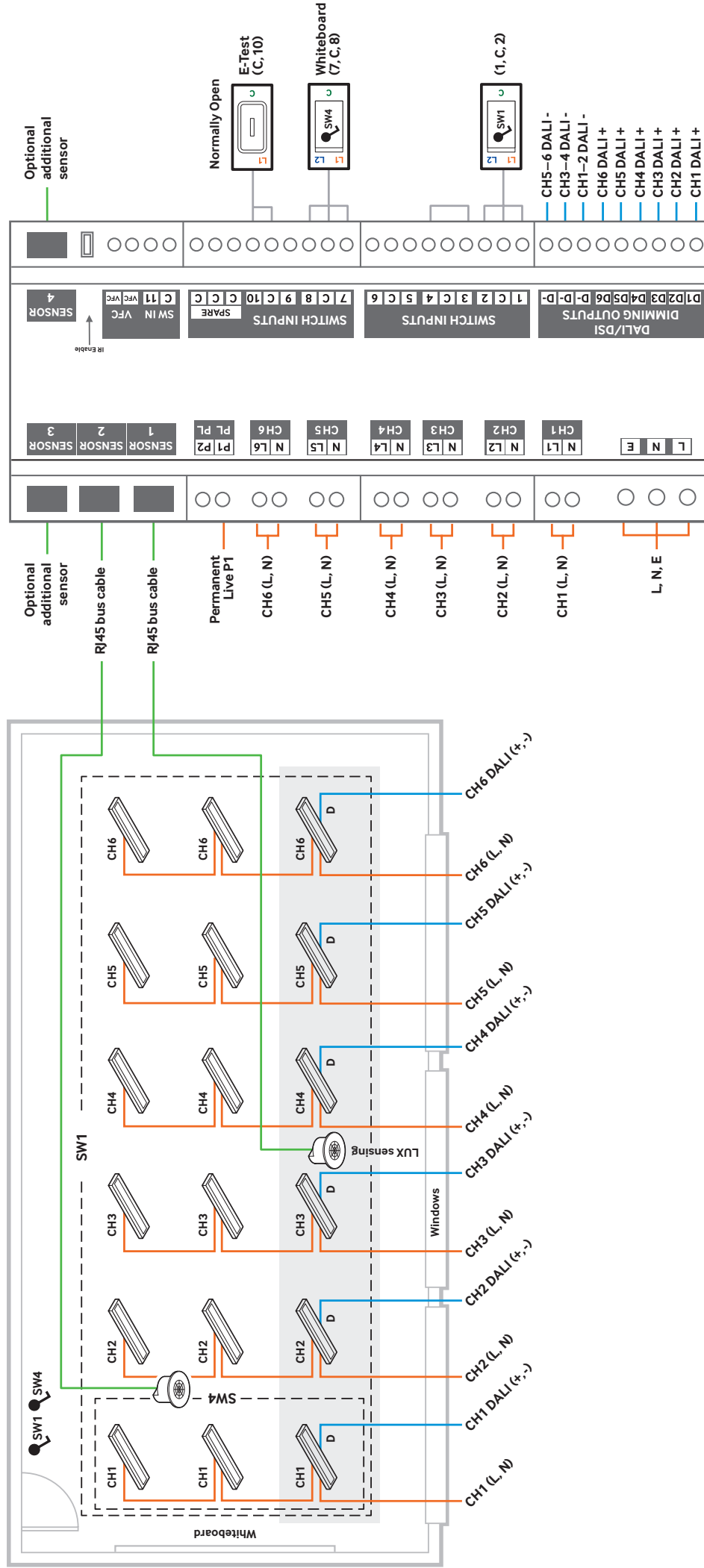
Classroom with luminaires working in absence mode. Whiteboard on channel 1.
Daylight (Lux) dimming across channels 1–5 applied to window row.



Preset 11

Channels	1	2	3	4	5	6	P1	P2	All CH1–6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1-C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 3,C,4 Optional use in cupboard	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-3	1-3	1-3	1-3	1-3	4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	20%	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Classroom with 6 columns of switching with cross window row daylight (Lux) dimming.
Whiteboard control on channel 1.

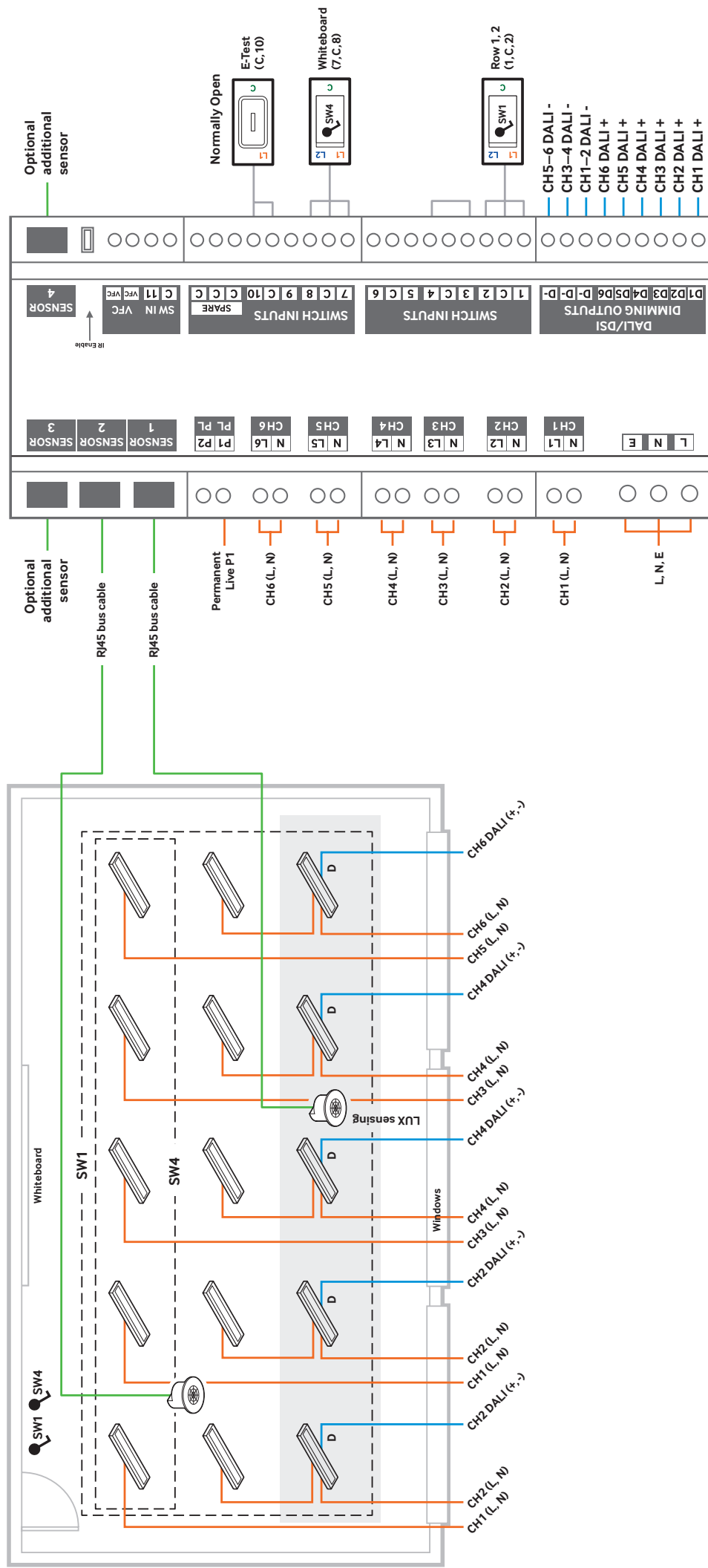


Preset 12

[illegible]

Preset 13

Classroom with luminaires working in absence mode with daylight (Lux) dimming on window row.
Whiteboard row switching.

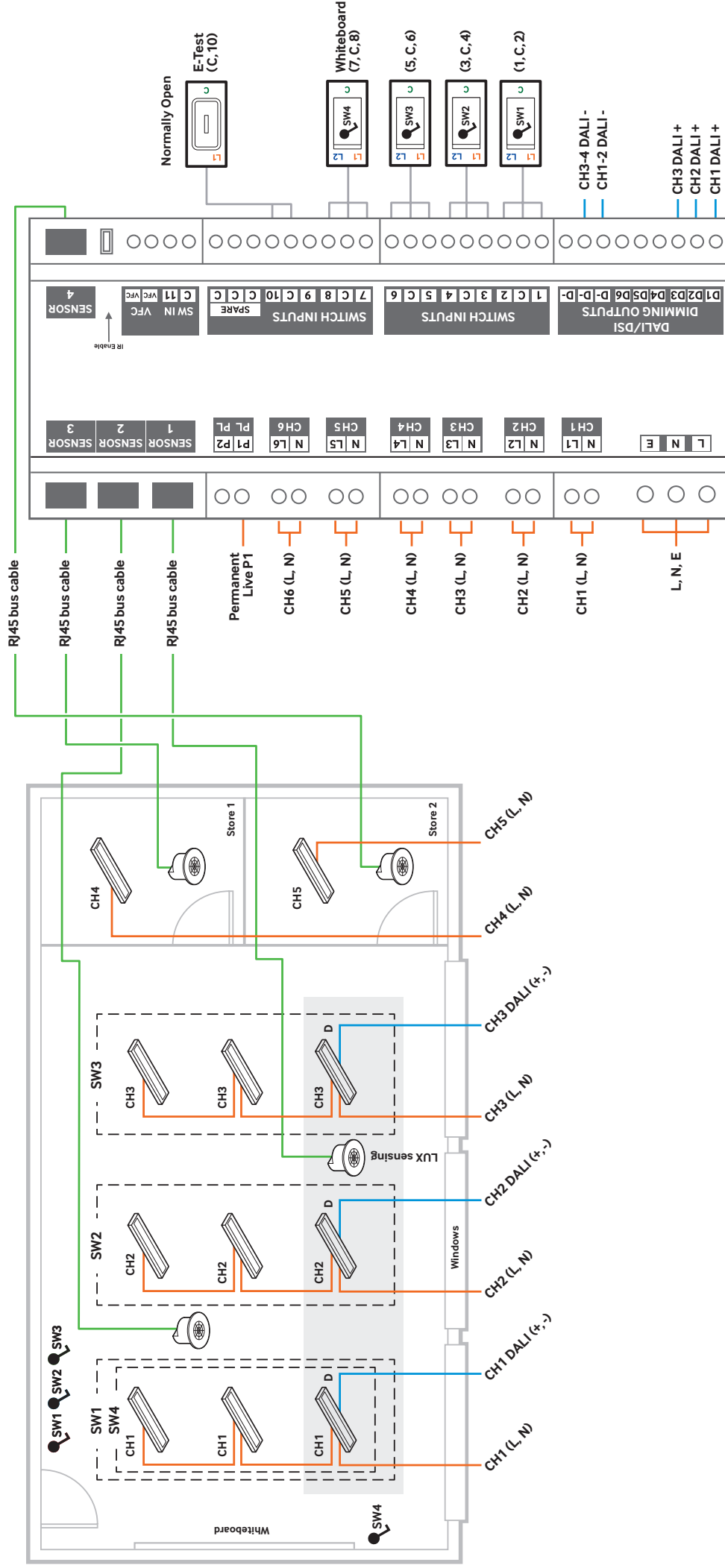


Preset 13

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard 7, C, 8	Sw 1, C, 2	Sw 1, C, 2 Whiteboard 7, C, 8	Sw 1, C, 2	Sw 1, C, 2 Whiteboard 7, C, 8	Sw 1, C, 2	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	20%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 14

Classroom with 3 columns of luminaires switched and daylight (Lux) dimmed in absence mode.
Whiteboard on channel 1. Store cupboard working in presence mode.



Preset 14

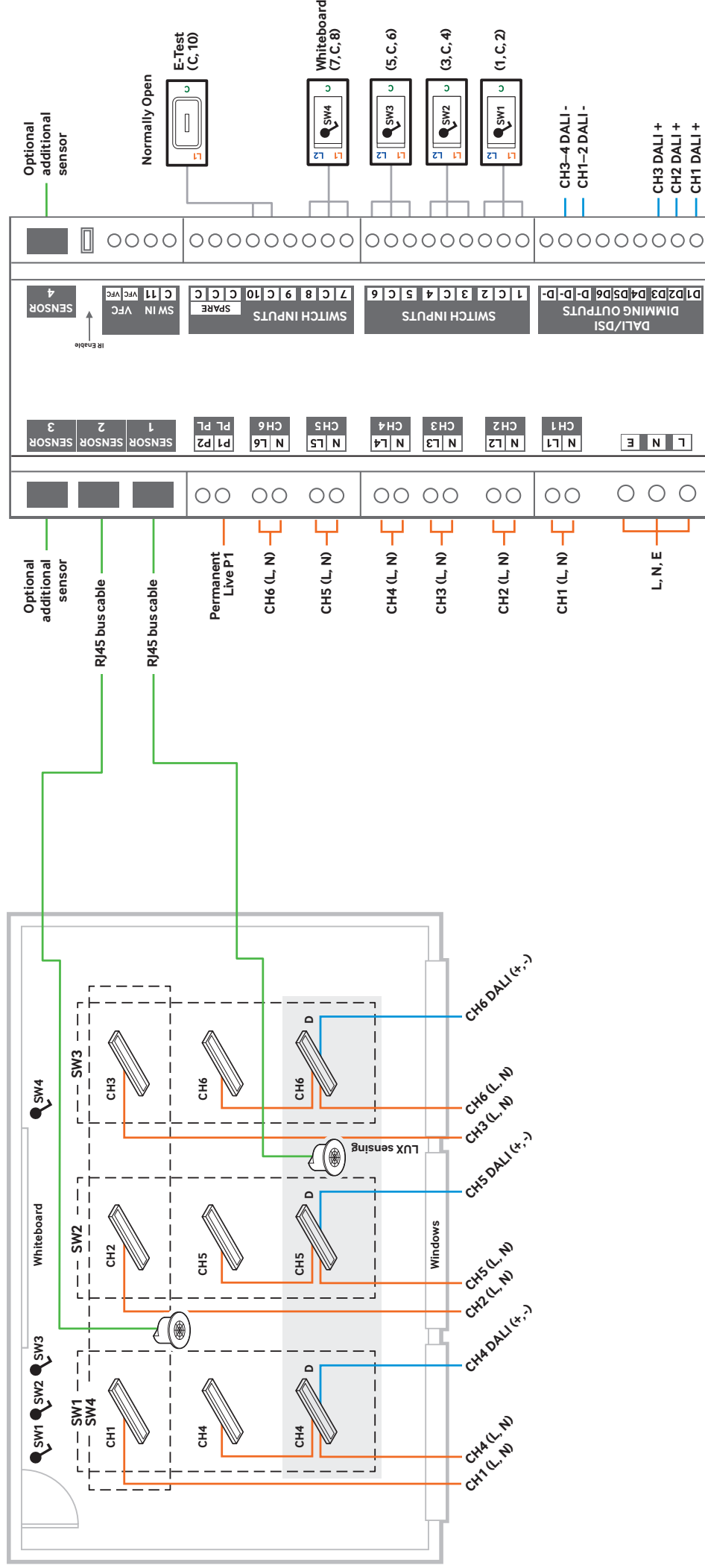
Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Presence	Presence	N/A	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard Sw 7, C, 8	Sw 3, C, 4	Sw 5, C, 6	N/A	N/A	N/A	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3	4	N/A	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Channels							
	1	2	3	4	5	6	P1 P2 All CH1–6 VFC output
Detection/Switching Mode	Absence	Absence	Absence	Presence	Presence	N/A	EM Test EM Test Override ON Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 3,C,4	Sw 5,C,6	N/A	N/A	N/A	C.10 C.10 C.11 All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3	4	N/A	N/A N/A 1-4
Lux Dim Level	N/A	N/A	20%	N/A	N/A	N/A	N/A N/A N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A N/A

Preset 16

Classroom with 3 columns of luminaires working in absence mode. Whiteboard on channel 1.
Daylight (Lux) dimming on window row.

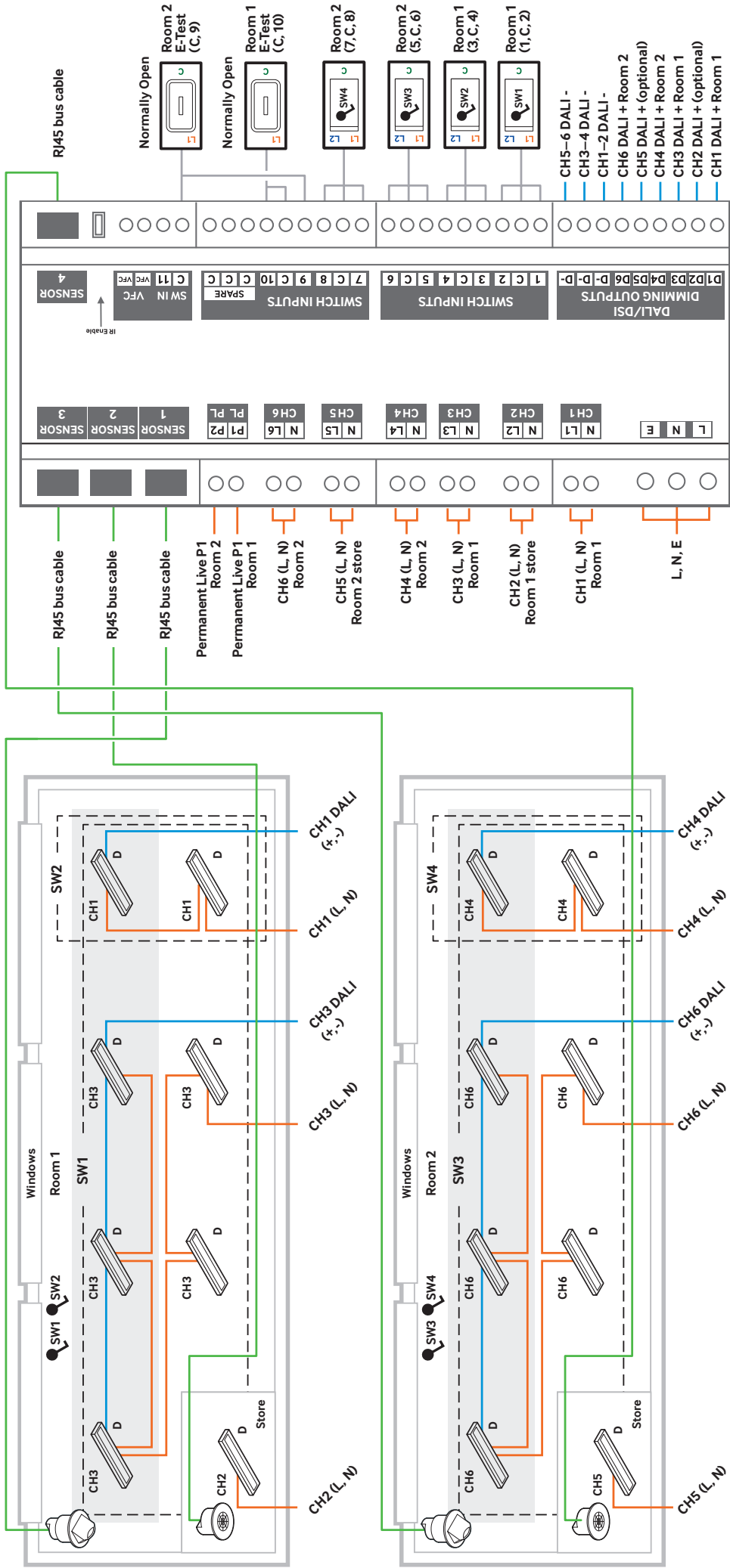


Preset 16

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard Sw 7, C, 8	Sw 3, C, 4 Whiteboard Sw 7, C, 8	Sw 5, C, 6 Whiteboard Sw 7, C, 8	Sw 1, C, 2	Sw 3, C, 4	Sw 5, C, 6	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	20%	20%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 17

2 classrooms from one HWLCM with lumiaires working in absence mode with perimeter dimming.
Store cupboard working independently in presence mode.

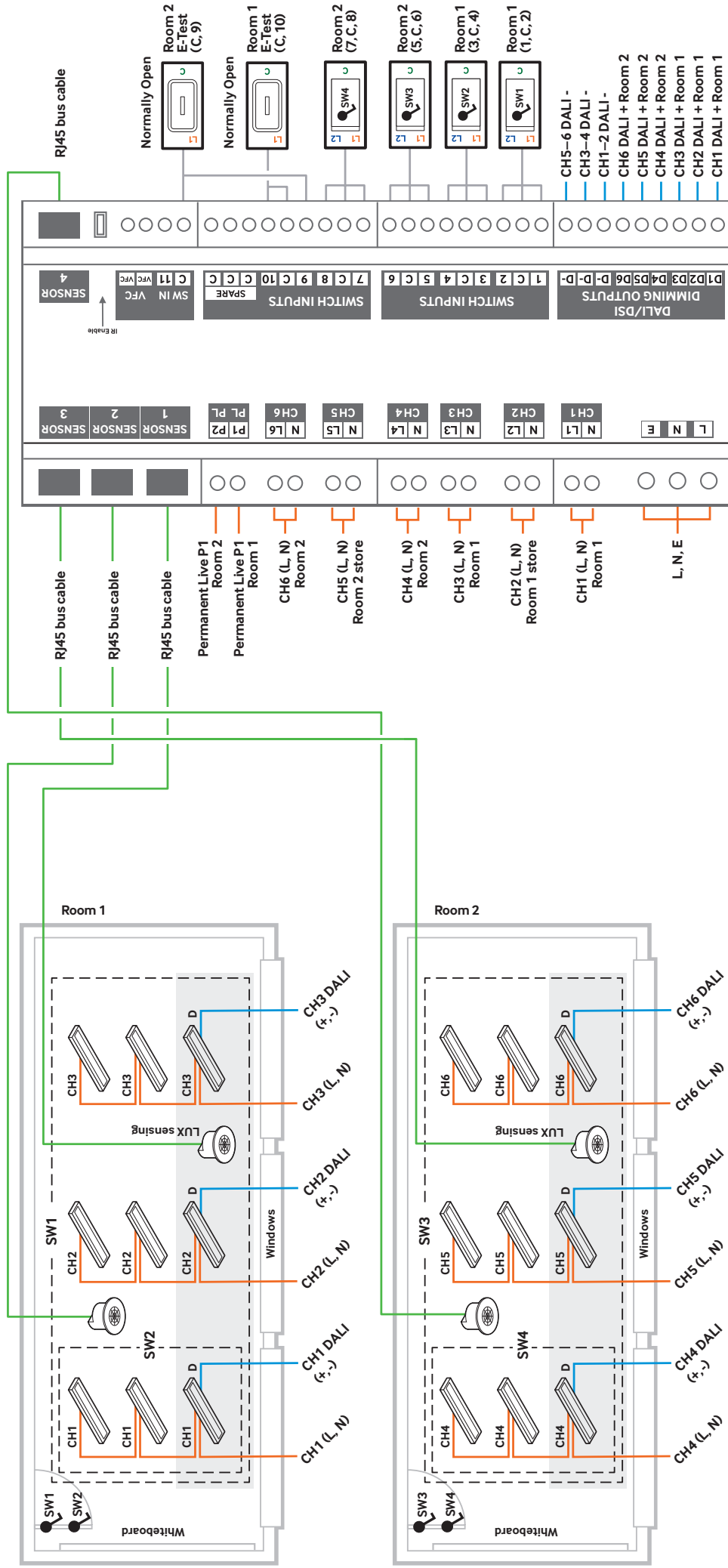


Preset 17

Channels		1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode		Absence	Presence	Absence	Absence	Presence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs		Sw 1, C, 2 Whiteboard Sw 3, C, 4	N/A	Sw 1, C, 2	Sw 5, C, 6 Whiteboard Sw 7, C, 8	N/A	Sw 5, C, 6	C, 10	C, 9	C, 11	All relevant inputs
Sensor Inputs		1	2	1	3	4	3	N/A	N/A	N/A	1-4
Lux Dim Level		20%	N/A	20%	20%	N/A	20%	N/A	N/A	N/A	N/A
Lux Switching		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 18

2 classrooms with 3 columns of luminaires working in absence mode. Whiteboard on channel 1 (room 1) and channel 4 (room 2). Daylight linked (Lux) dimming on all channels applied to the window rows.

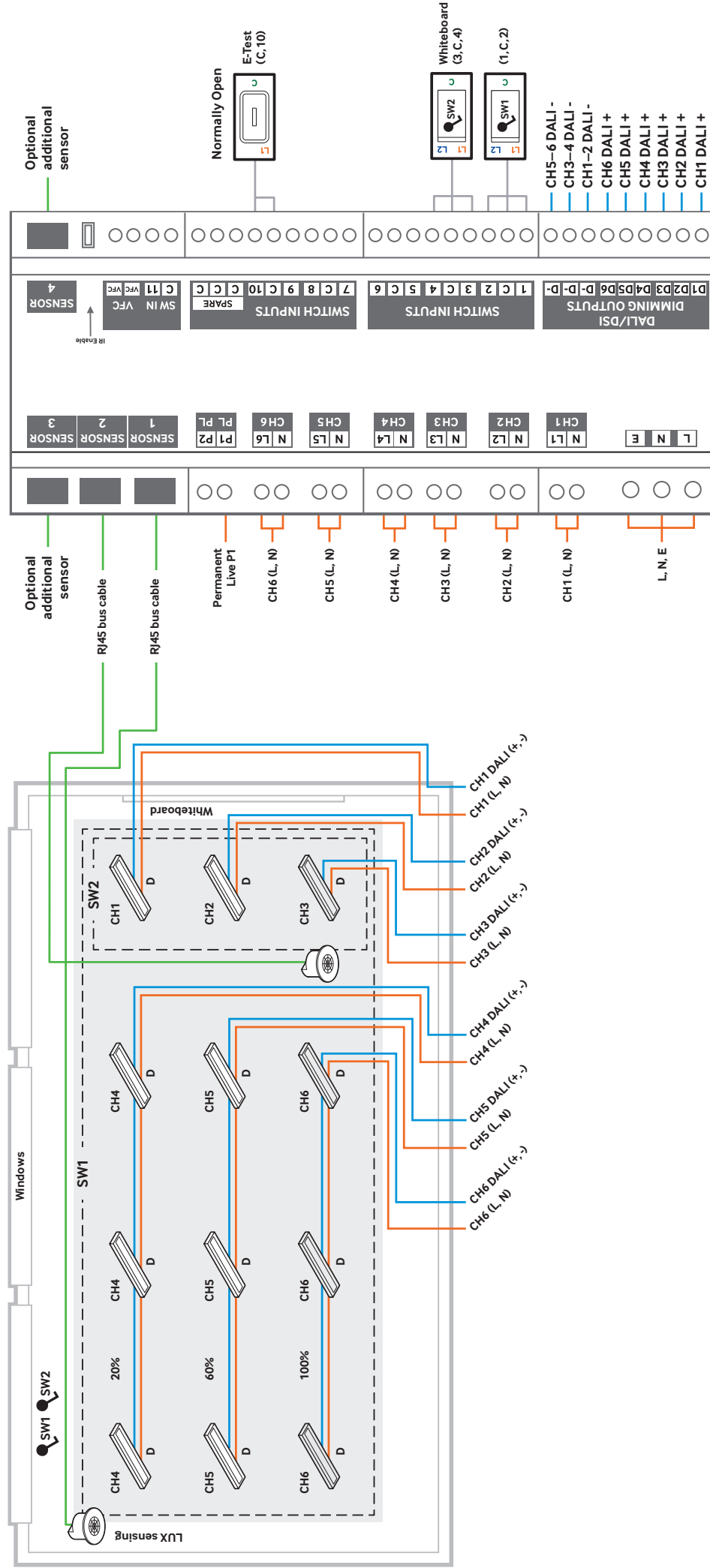


Preset 18

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Presence	Absence	Absence	Presence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard Sw 3, C, 4	Sw 1, C, 2	Sw 1, C, 2	Sw 5, C, 6 Whiteboard Sw 7, C, 8	Sw 5, C, 6	Sw 5, C, 6	C, 10	C, 9	C, 11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3-4	3-4	3-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	20%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 19

Room with Master switch, Whiteboard on CH 1-2-3, Set as Absence detection, with graduated daylight (Lux) dimming From Window.

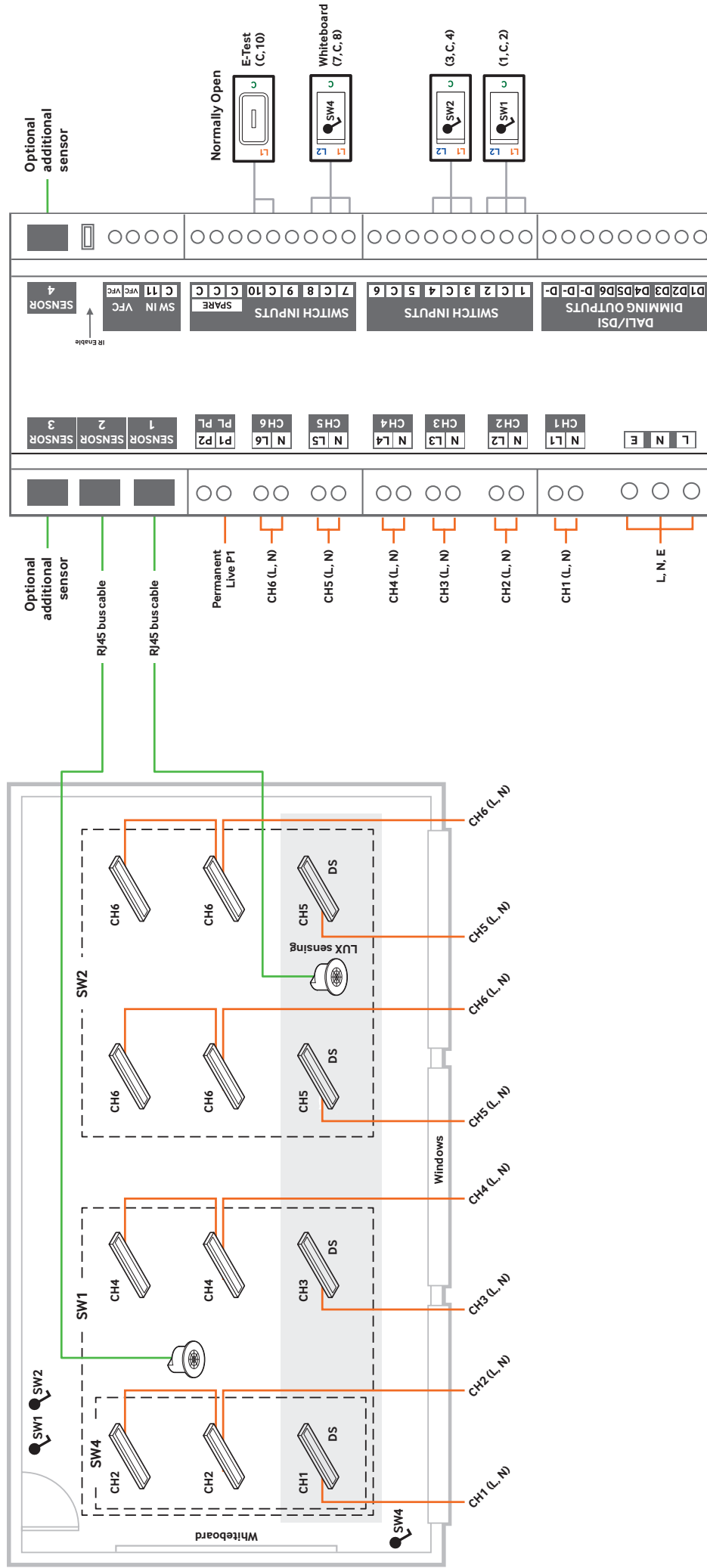


Preset 19

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 3,C,4	Sw 1,C,2 Whiteboard Sw 3,C,4	Sw 1,C,2 Whiteboard Sw 3,C,4	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	N/A	1-4
Lux Dim Level	20%	60%	100%	20%	60%	100%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 20

Classroom with 4 columns of luminaires in 2 groups working in absence mode, whiteboard on channel 1 and 2.
Window row switched by daylight (Lux switching).



Preset 20

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard Sw 7, C, 8	Sw 1, C, 2 Whiteboard Sw 7, C, 8	Sw 1, C, 2	Sw 1, C, 2	Sw 3, C, 4	Sw 3, C, 4	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	N/A	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A

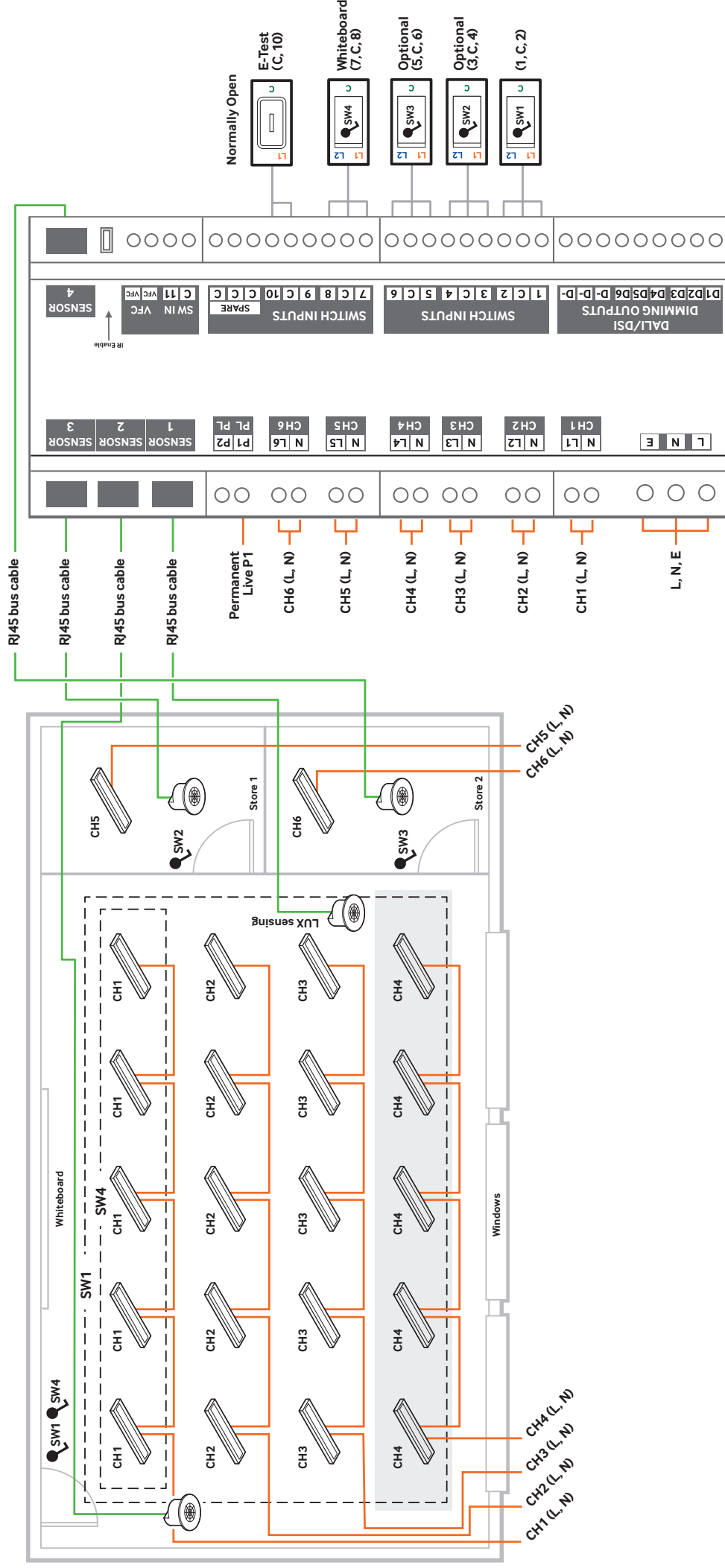
Classroom with 4 rows of luminaires working in absence mode with daylight (Lux) switching on the window row. Whiteboard on channel 1. Store cupboards working in presence mode.



Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 7,C,8 whiteboard	Sw 1,C,2	Sw 3,C,4	Sw 5,C,6	N/A	N/A	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	1-2	3	4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A

Preset 22

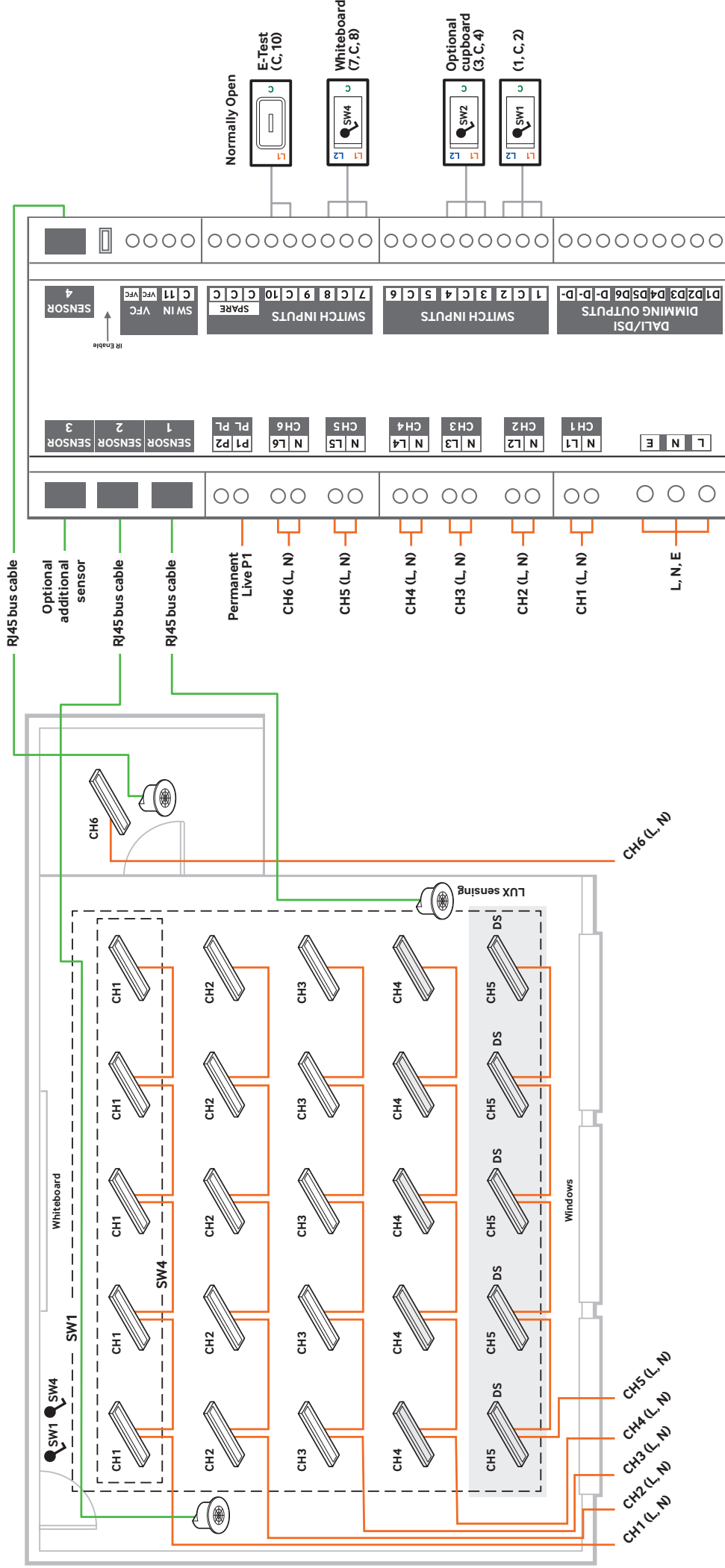
Classroom with 4 rows of luminaires working in absence mode. whiteboard on channel 1.
Store cupboards working in presence mode. Window row also switched off by daylight (Lux switching).



Preset 22

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard Sw 7, C, 8	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2	Sw 3, C, 4 Optional use in cupboard	Sw 5, C, 6 Optional use in cupboard	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	1-2	3	4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A

Classroom with luminaires switching in absence mode. Daylight switching is also applied to the window row (Lux switching).
Whiteboard on channel 1. Store cupboard working in presence mode.

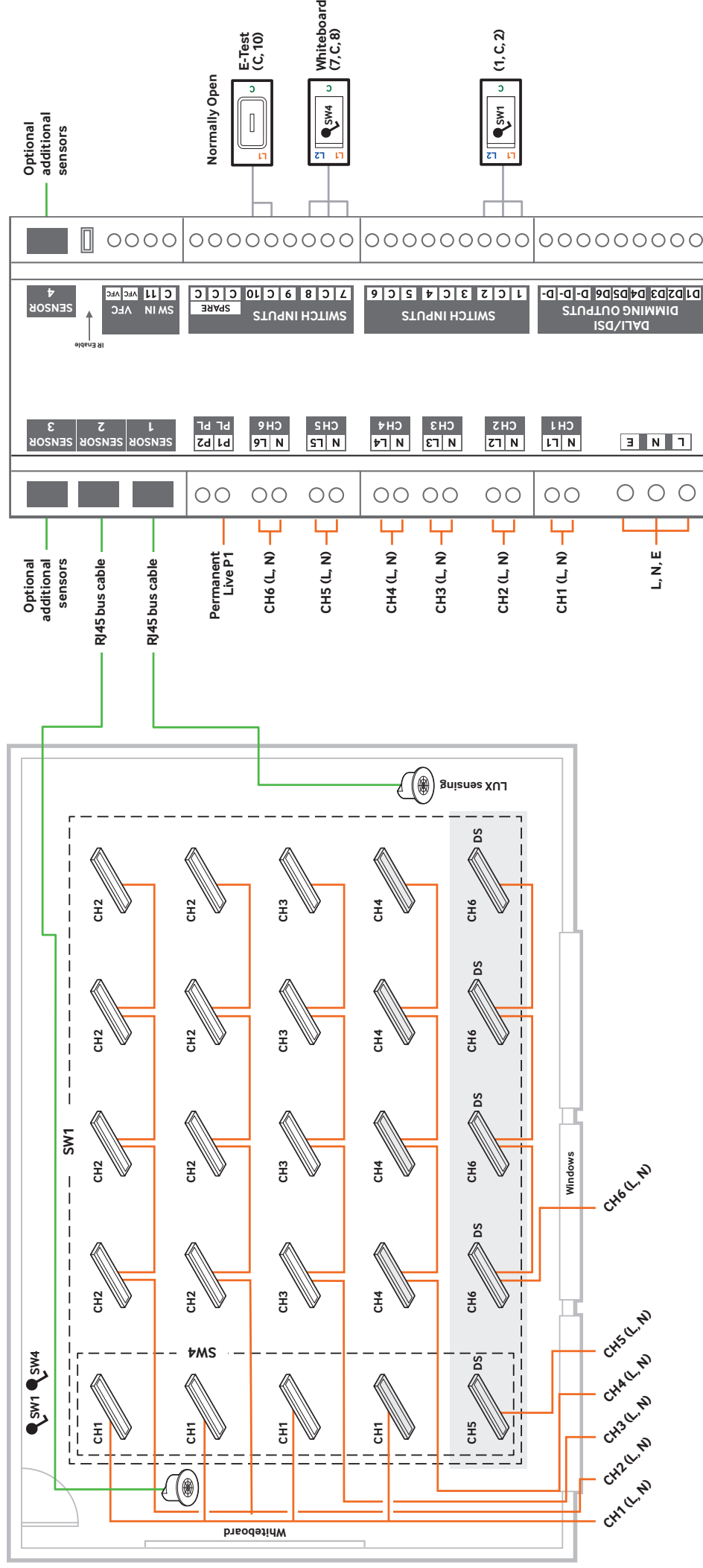


Preset 23

Channels		1	2	3	4	5	6	P1	P2	All CH1–6	VFC Output
Detection/Switching Mode		Absence	Absence	Absence	Absence	Absence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs		Sw 1, C, 2 Whiteboard 7, C, 8	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2	Sw 3, C, 4 Optional Use in Cupboard	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs		1-3	1-3	1-3	1-3	1-3	4	N/A	N/A	N/A	1-4
Lux Dim Level		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching		NO	NO	NO	NO	YES	N/A	N/A	N/A	N/A	N/A

Preset 24

Classroom with 5 rows of luminaires working in absence mode with daylight switching on the window row (Lux switching). Separate whiteboard column switching.



Preset 24

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard 7, C, 8	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2 Whiteboard 7, C, 8	Sw 1, C, 2	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	NO	NO	NO	NO	YES	YES	N/A	N/A	N/A	N/A

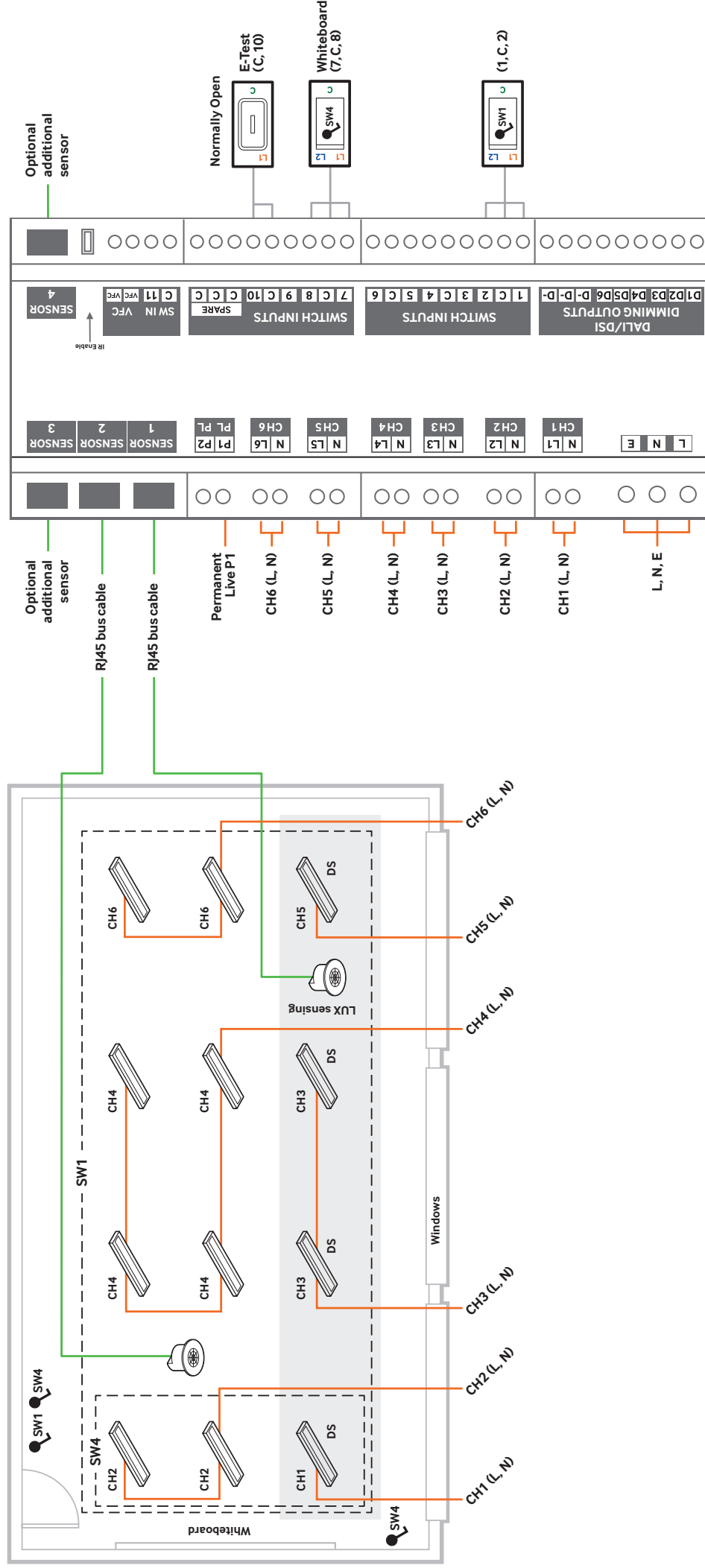
Classroom with 4 columns of luminaires working in absence mode. Daylight switching in the window row (Lux switching). Whiteboard column is switched separately. Two store cupboards working in presence mode.



Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard 7, C, 8	Sw 1,C,2 Whiteboard 7, C, 8	Sw 1,C,2	Sw 1,C,2	Sw 3,C,4 Optional use in cupboard	Sw 5,C,6 Optional use in cupboard	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	1-2	3	4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	NO	YES	NO	N/A	N/A	N/A	N/A	N/A	N/A

Classroom with 4 columns of lumiaires working in absence mode.

Classroom with 4 columns of lumiaires working in absence mode.

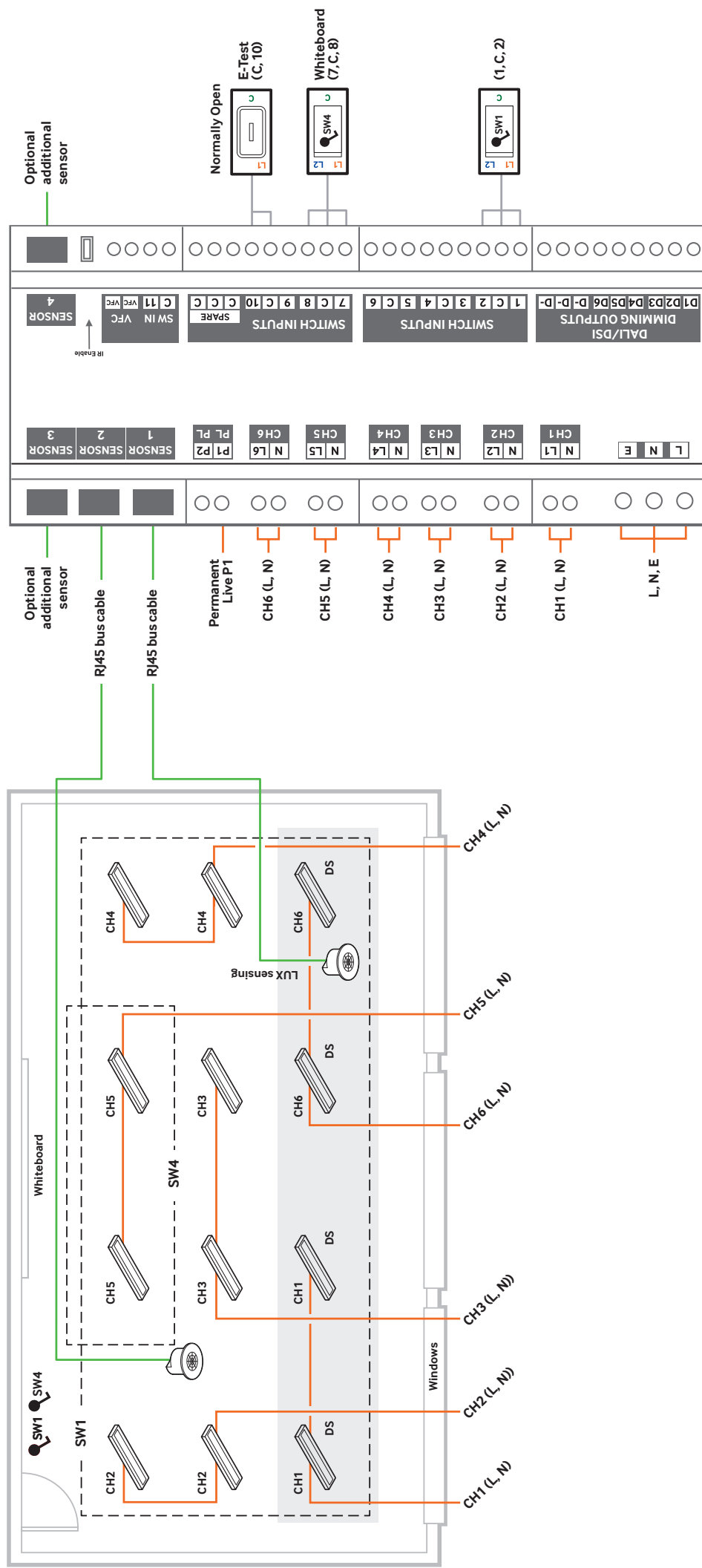


Preset 26

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	NO	YES	NO	YES	NO	N/A	N/A	N/A	N/A

Preset 27

Classroom with 4 columns of luminaires working in absence mode. Daylight switching in the window row (Lux switching).
Local luminaires to the whiteboard are switched separately.

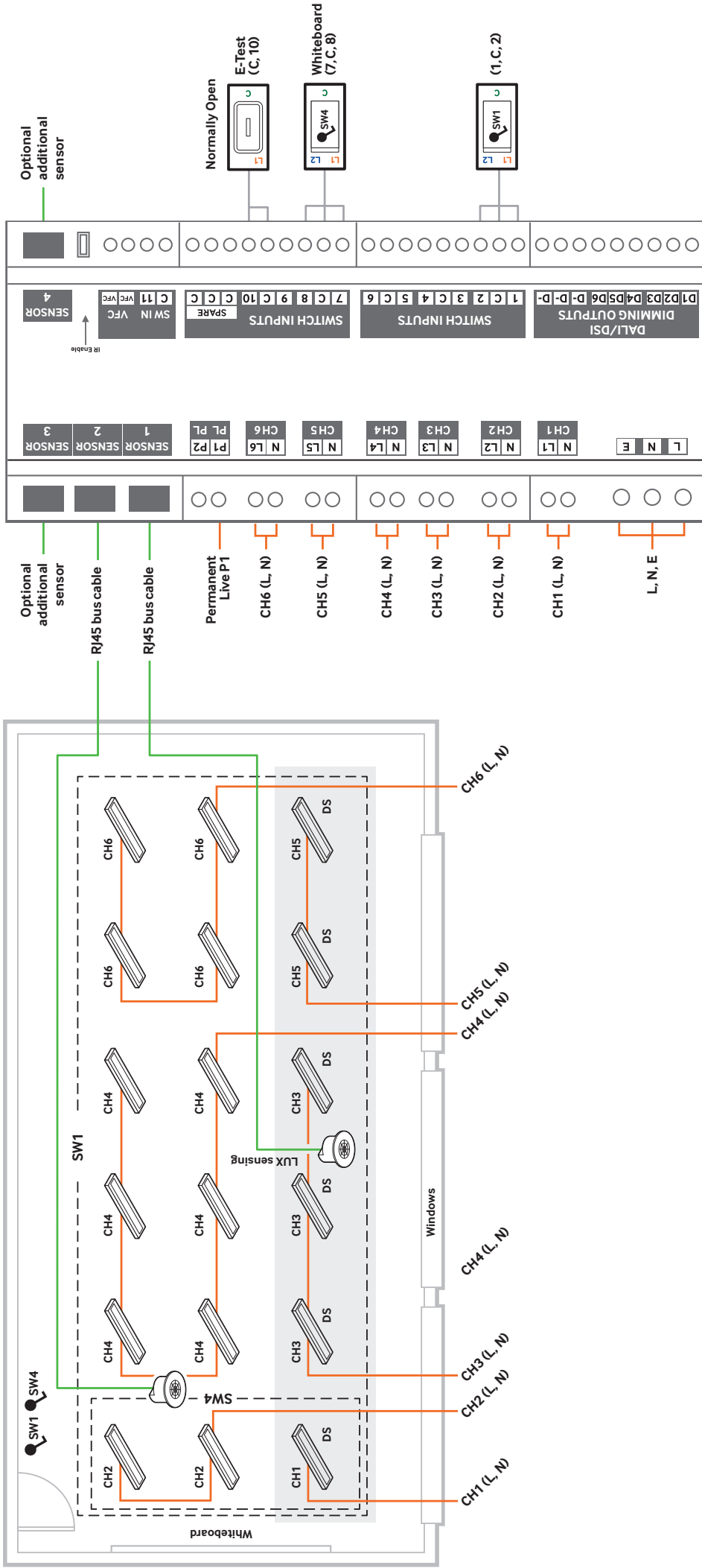


Preset 27

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	NO	NO	NO	NO	YES	N/A	N/A	N/A	N/A

Preset 28

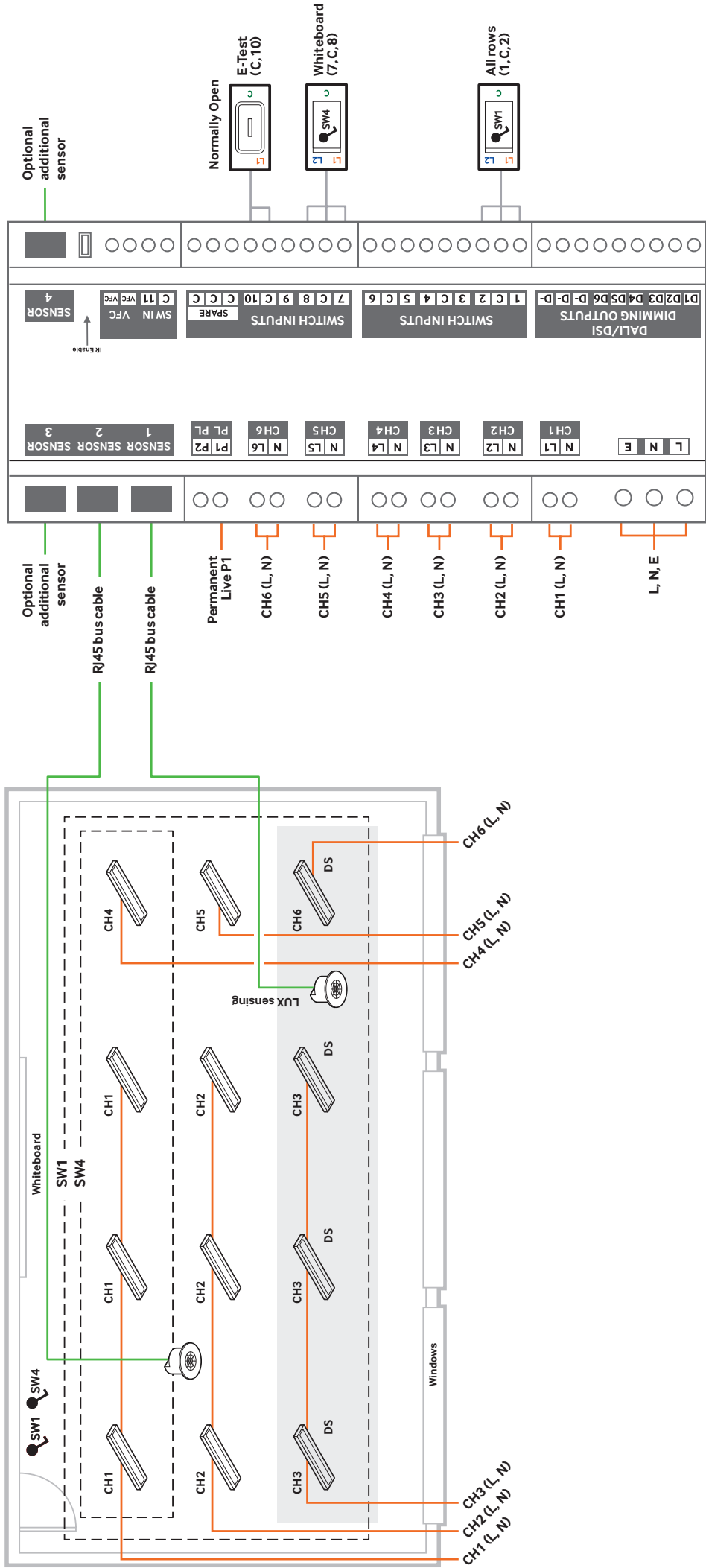
Classroom with 6 columns of lumiares switching in absence mode. Daylight switching in the window row (Lux switching).
Whiteboard column is switched separately.



Preset 28

Preset 29

Classroom with 3 rows of lumiaires switching in absence mode. Daylight switching in the window row (Lux switching).
Whiteboard column is switched separately.

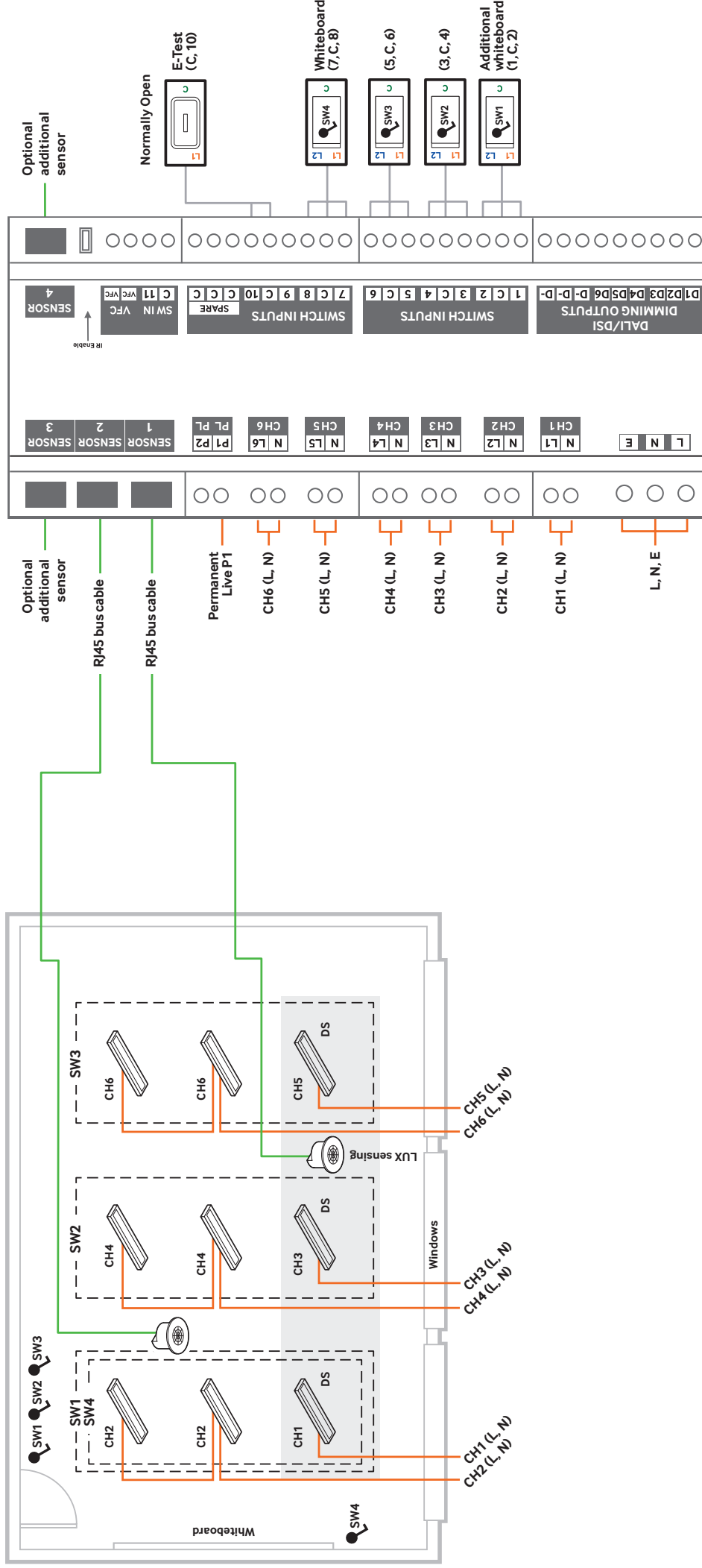


Preset 29

Channels	1	2	3	4	5	6	P1	P2	All CH1–6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 30

Classroom with 3 columns of luminaires switching in absence mode. Daylight switching in the window row (Lux switching).
Whiteboard column is switched separately with 2 switches

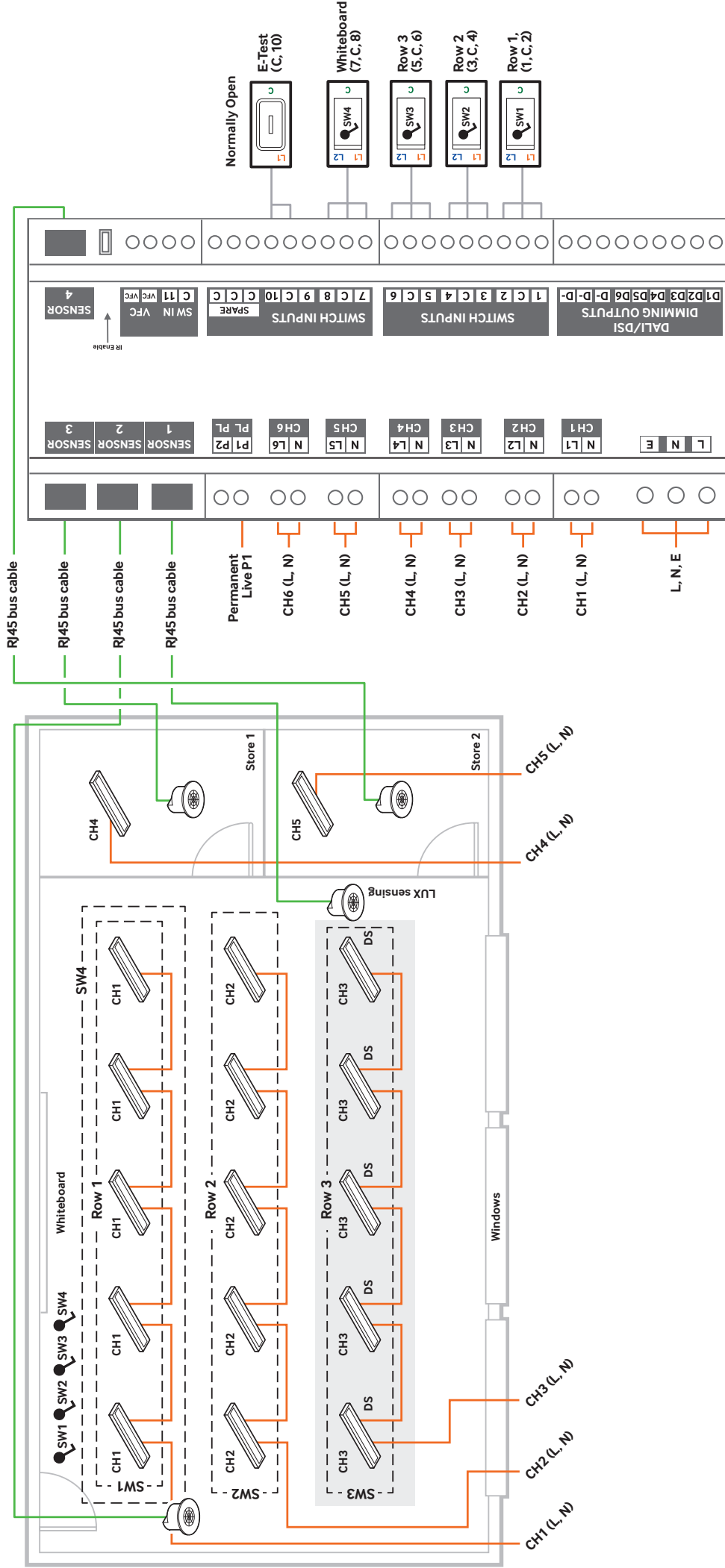


Preset 30

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard Sw 7, C, 8	Sw 1, C, 2 Whiteboard Sw 7, C, 8	Sw 3, C, 4	Sw 3, C, 4	Sw 5, C, 6	Sw 5, C, 6	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	NO	YES	NO	YES	NO	N/A	N/A	N/A	N/A

Preset 31

Classroom with 3 rows of luminaires switching in absence mode. Daylight switching in the window row (Lux switching).
Whiteboard on channel 1. Store cupboards working in presence mode.

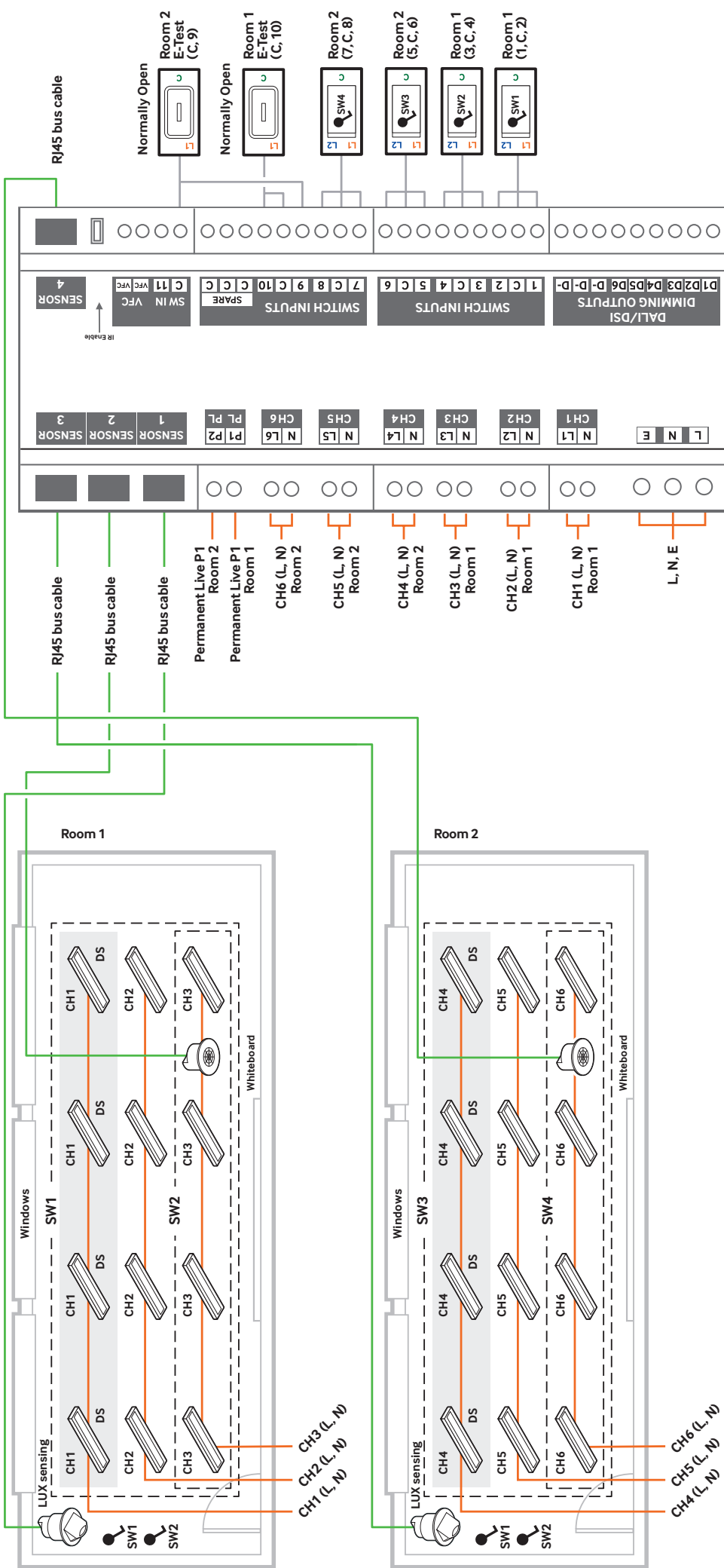


Preset 31

Channels		1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode		Absence	Absence	Absence	Presence	Presence	N/A	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs		Sw 1, C, 2 Whiteboard Sw 7, C, 8	Sw 3, C, 4	Sw 5, C, 6	N/A	N/A	N/A	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs		1-2	1-2	1-2	3	4	N/A	N/A	N/A	N/A	1-4
Lux Dim Level		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching		NO	NO	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 32

2 classrooms each with 3 rows of luminaires switching in absence mode. Daylight switching in the window row (Lux switching).



Preset 32

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Presence	Absence	Absence	Presence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2 Whiteboard Sw 3, C, 4	Sw 5, C, 6	Sw 5, C, 6	Sw 5, C, 6 Whiteboard Sw 7, C, 8	C, 10	C, 9	N/A	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3-4	3-4	3-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	NO	NO	YES	NO	NO	N/A	N/A	N/A	N/A

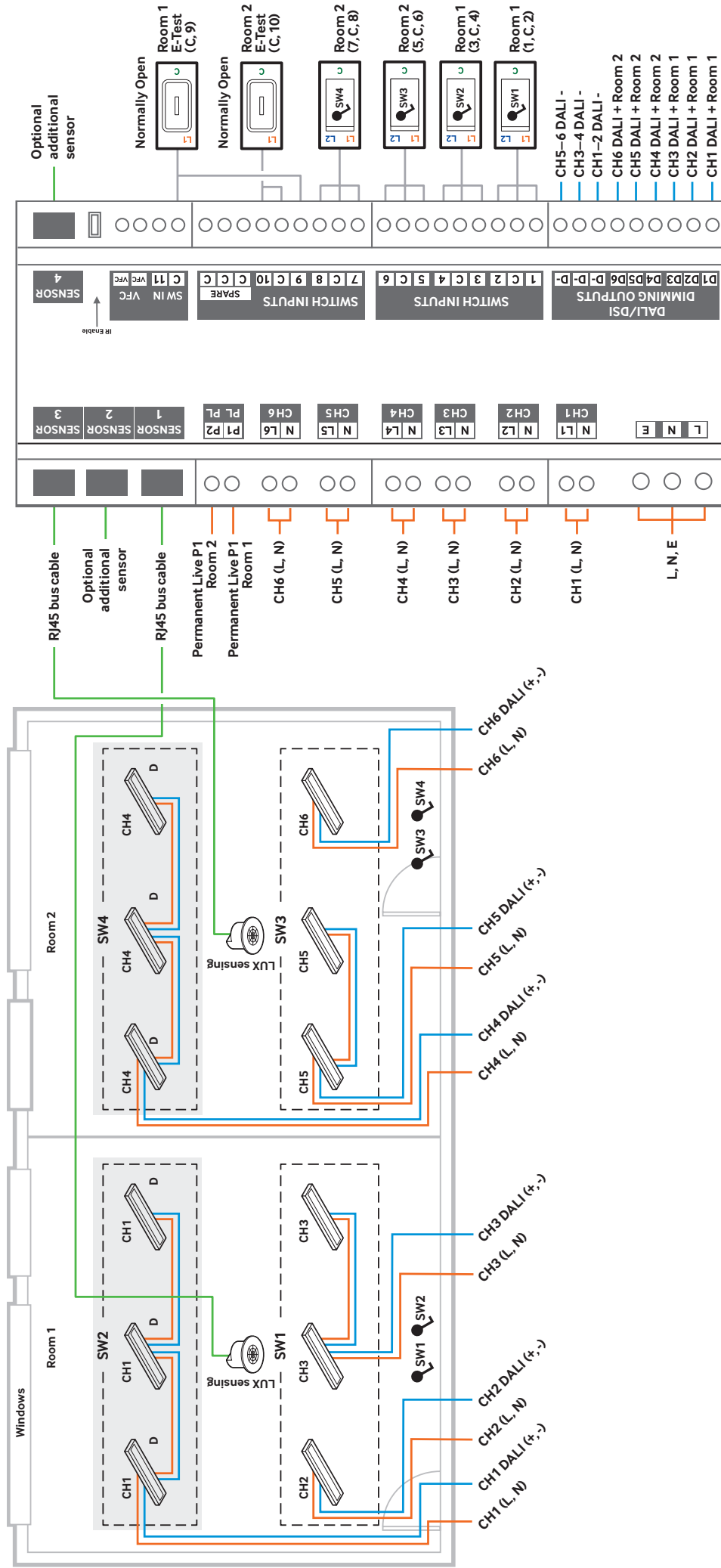


Preset 33

Active on
Occupancy

Preset 34

2 cellular offices working in presence mode with a detector and/or switch in each with window row daylight (Lux) dimming, individual row switching.

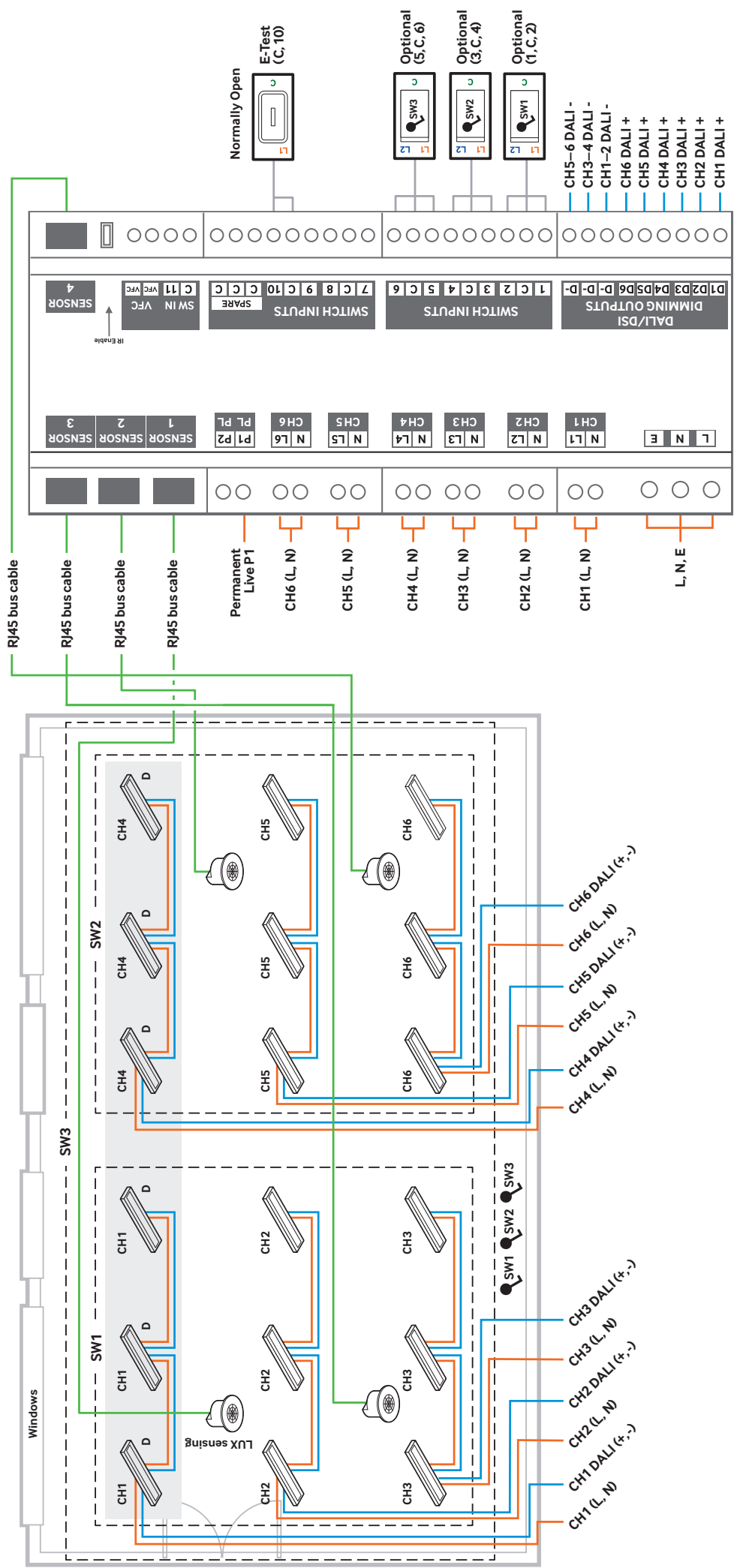


Preset 34

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 3,C,4	Sw 3,C,4	Sw 3,C,4	Sw 7,C,8	Sw 7,C,8	Sw C,9	Sw C,10	N/A	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3-4	3-4	3-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	100%	100%	20%	100%	100%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 35

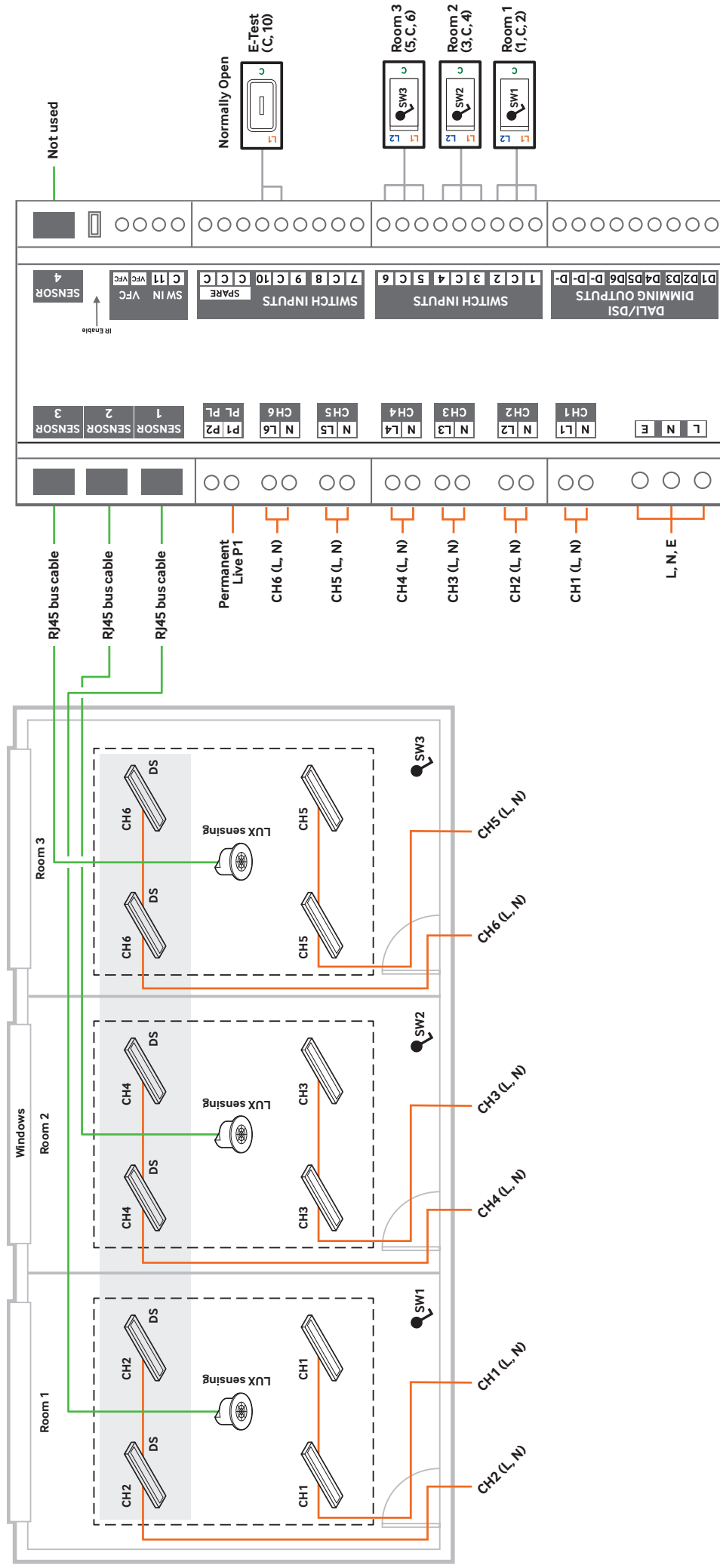
Open plan office working in presence mode, all fittings dimmable and daylight (Lux) dimming on the window row.



Preset 35

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Sw 5,C,6	Sw 1,C,2 Sw 5,C,6	Sw 1,C,2 Sw 5,C,6	Sw 3,C,4 Sw 5,C,6	Sw 3,C,4 Sw 5,C,6	Sw 3,C,4 Sw 5,C,6	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	100%	100%	20%	100%	100%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

3 cellular offices working in presence mode with a detector and/or switch in each. Daylight switching in the window row (Lux switching).

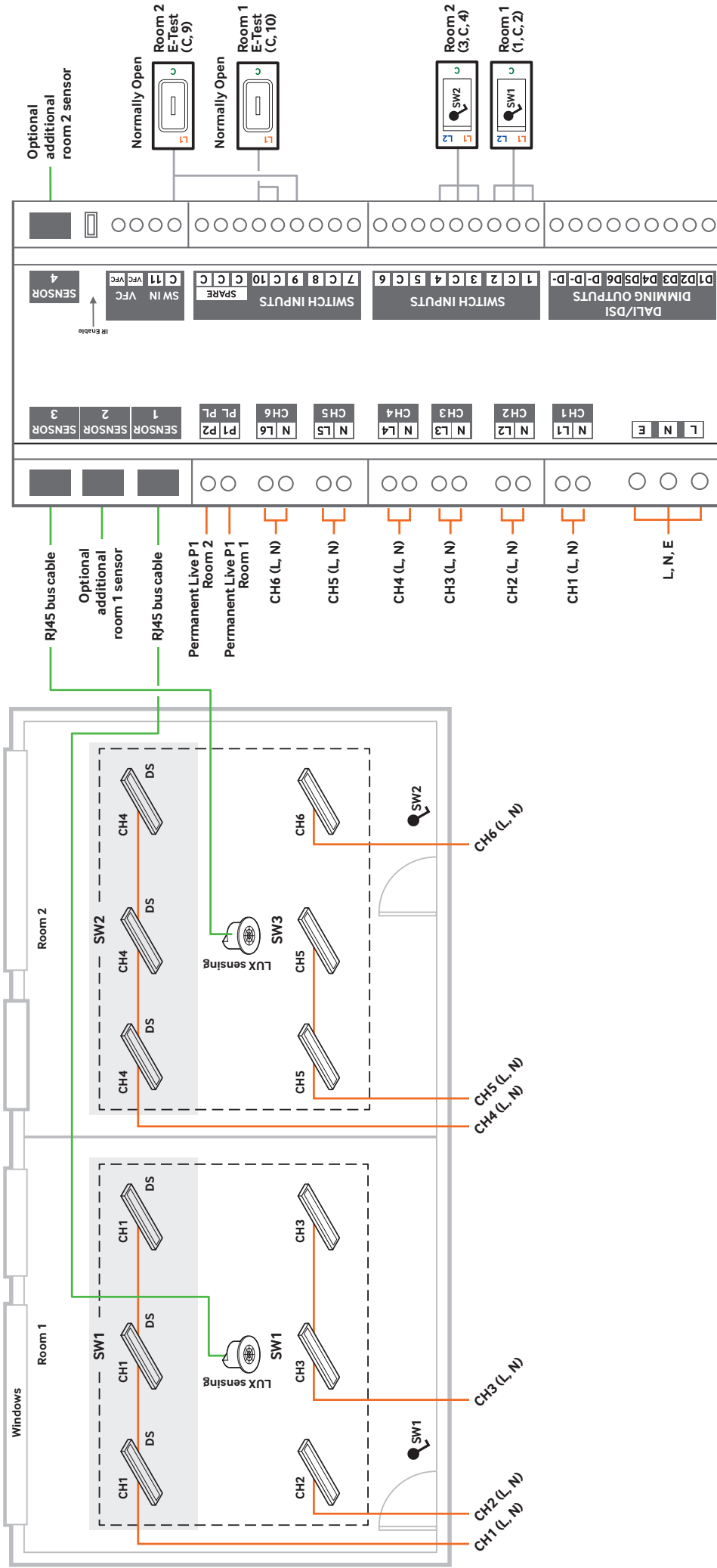


Preset 36

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 3,C,4	Sw 3,C,4	Sw 5,C,6	Sw 5,C,6	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1	1	2	2	3	3	N/A	N/A	N/A	1-3
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	NO	YES	NO	YES	NO	YES	N/A	N/A	N/A	N/A

Preset 37

2 cellular offices working in presence mode with a detector and/or switch in each.
Daylight switching in the window row (Lux switching).

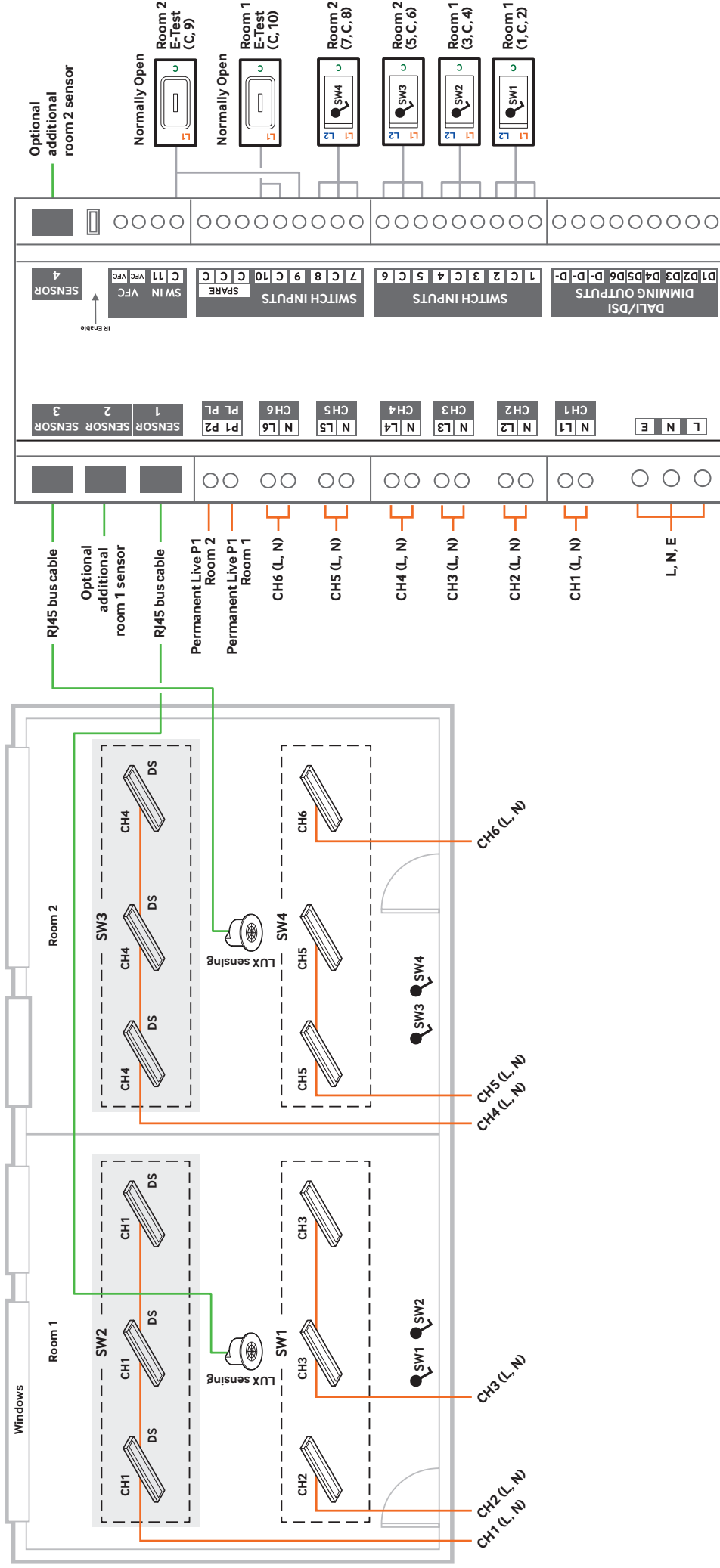


Preset 37

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 3,C,4	Sw 3,C,4	Sw 3,C,4	Sw C,10	Sw C,9	C,11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3-4	3-4	3-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	NO	NO	YES	NO	NO	N/A	N/A	N/A	N/A

Preset 38

2 cellular offices working in presence mode with a detector and/or switch in each.
Daylight switching in the window row (Lux switching), individual row switching.

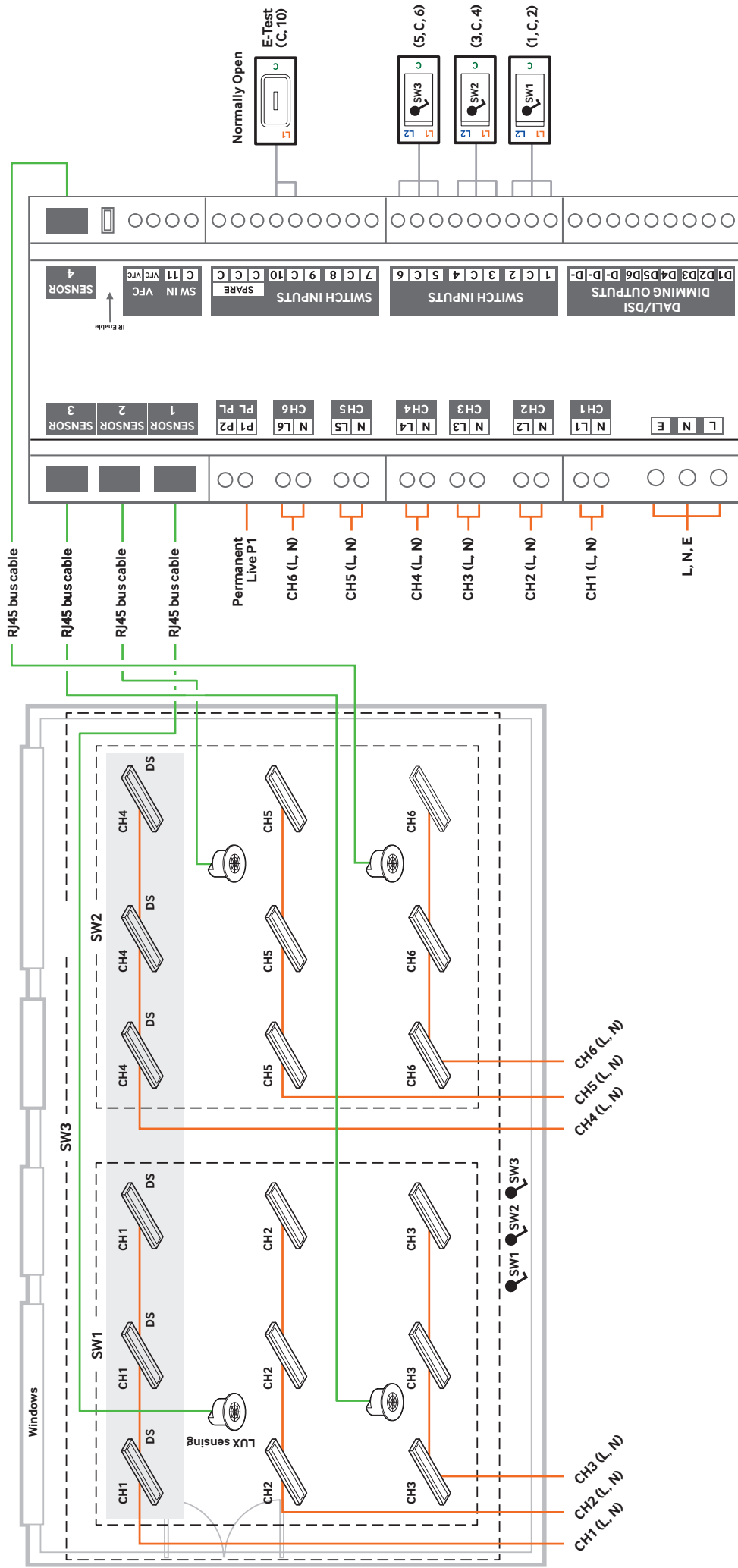


Preset 38

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C.2	Sw 3,C.4	Sw 3,C.4	Sw 3,C.4	Sw 7,C.8	Sw 7,C.8	Sw C,10	Sw C,9	C,11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3-4	3-4	3-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	N/A	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A

Preset 39

Large office switching in presence mode as one whole group with daylight switching in the window row (Lux switching).
2 sub-divided groups can be switched separately with wall switches.

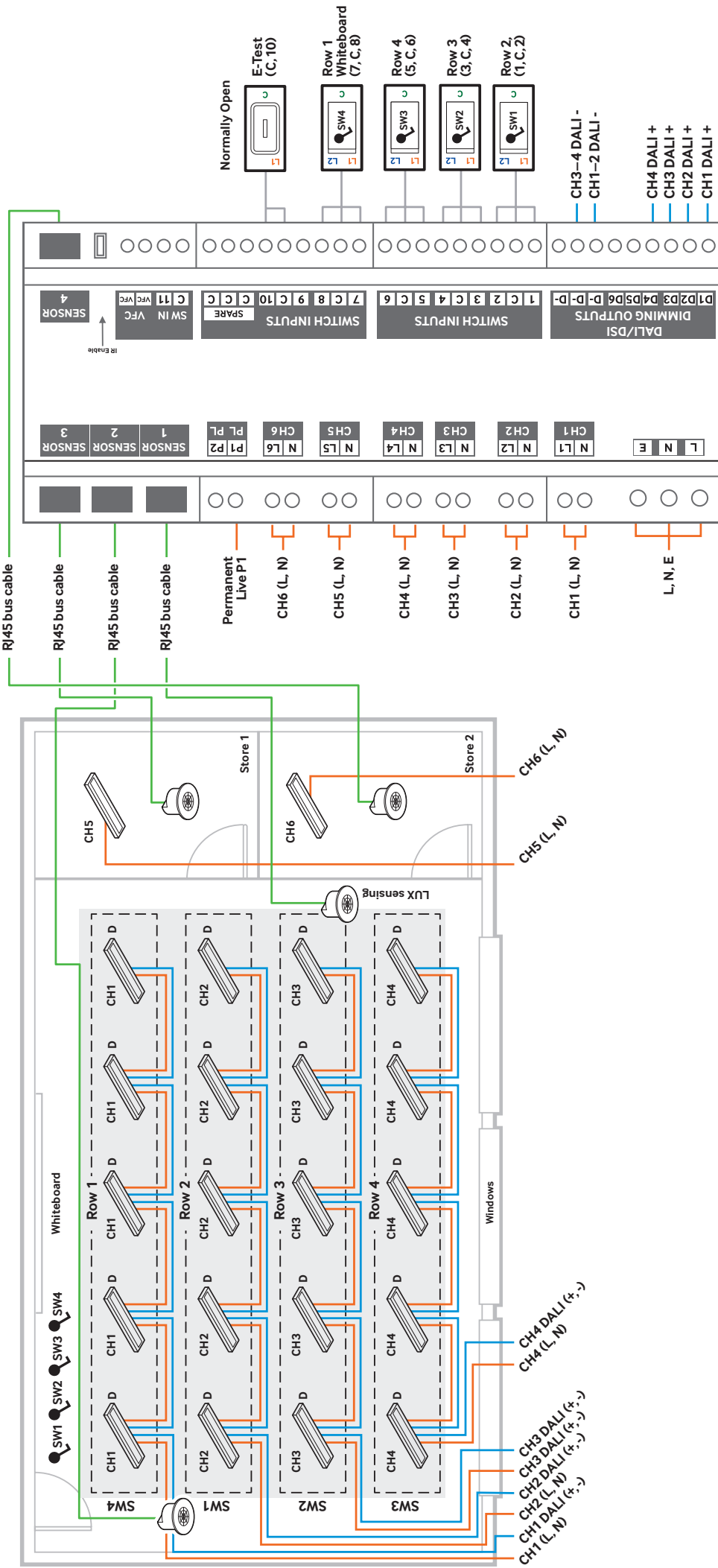


Preset 39

Channels	1	2	3	4	5	6	P1	P2	All CH1–6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Sw 5,C,6	Sw 1,C,2 Sw 5,C,6	Sw 1,C,2 Sw 5,C,6	Sw 3,C,4 Sw 5,C,6	Sw 3,C,4 Sw 5,C,6	Sw 3,C,4 Sw 5,C,6	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	NO	NO	YES	NO	NO	NO	NO	N/A	N/A

Preset 40

Classroom with 4 rows of luminaires working in absence mode. Graduated daylight (Lux) dimming is applied from the window row. Whiteboard row can be separately switched and dimmed. Store cupboards working in presence mode.



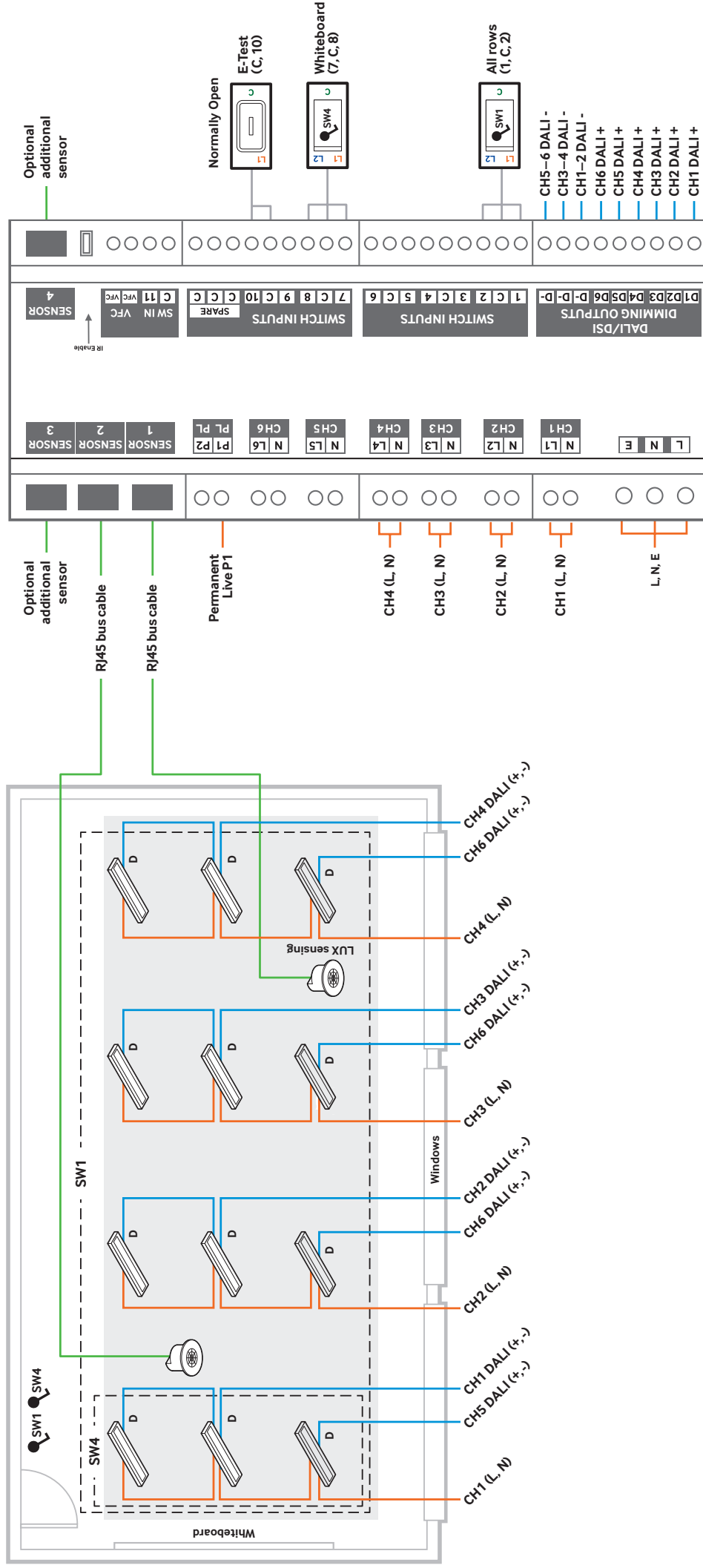
Preset 40

Classroom with luminaires working in absence mode. Graduated daylight (Lux) dimming is applied from the window row. Whiteboard row can be switched and dimmed separately. Store cupboard working in presence mode.

[illegible]

Preset 42

Classroom with 4 luminaires working in absence mode. Graduated daylight (Lux) dimming is applied from the window row. Whiteboard row can be switched and dimmed separately.

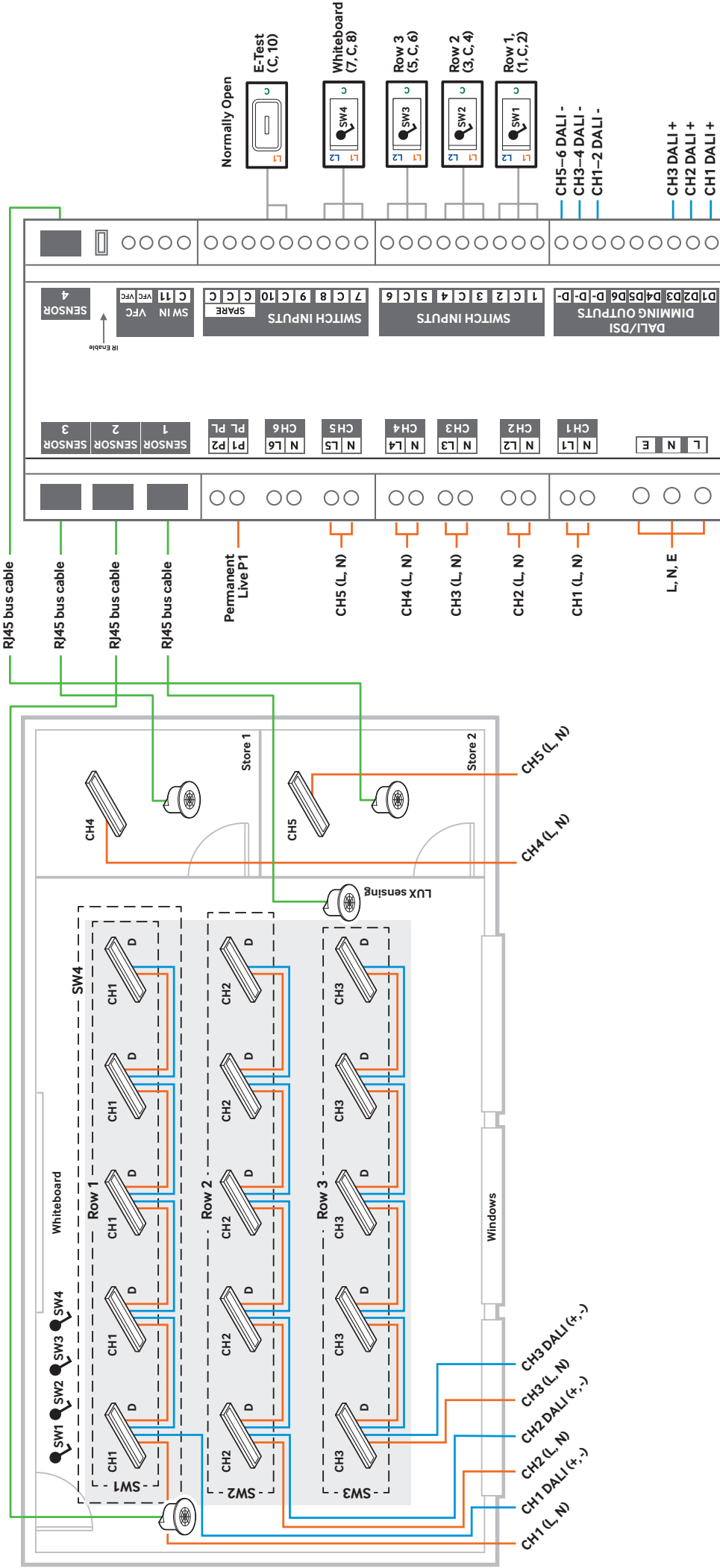


Preset 42

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1-C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	60%	60%	60%	60%	20%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 43

Classroom with 3 rows of luminaires working in absence mode. Graduated daylight (Lux) dimming is applied from the window row. Whiteboard row can be switched and dimmed separately. Store cupboards working in presence mode.

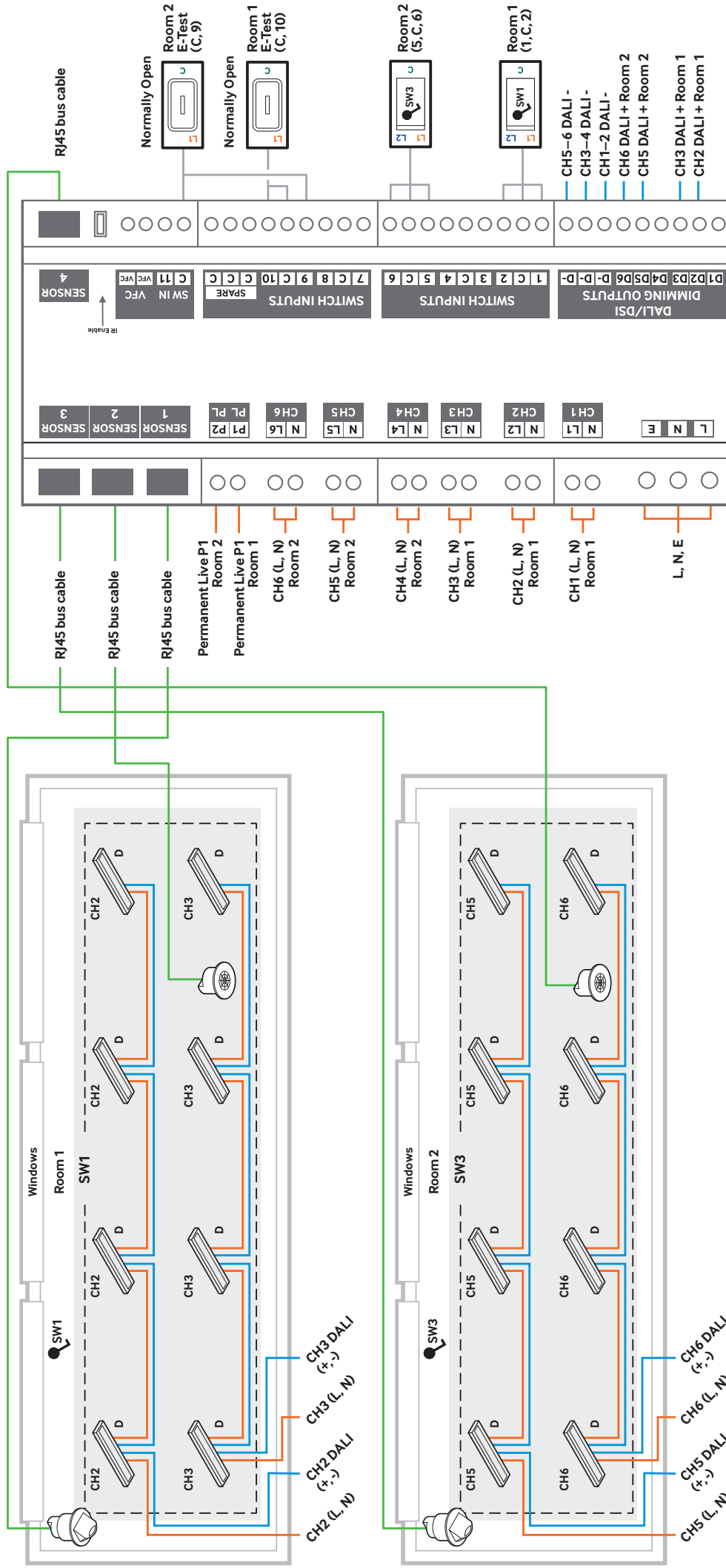


Preset 43

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Presence	Presence	N/A	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard Sw 7, C, 8	Sw 3, C, 4	Sw 5, C, 6	N/A	N/A	N/A	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3	4	N/A	N/A	N/A	N/A	1-4
Lux Dim Level	100%	60%	20%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 44

2 rooms from one HWLCM with lumiaires working in absence mode with daylight graduated (Lux) dimming.



Preset 44

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2	Sw 1, C, 2	Sw 1, C, 2	Sw 5, C, 6	Sw 5, C, 6	Sw 5, C, 6	C, 10	C, 9	C, 11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3-4	3-4	3-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	60%	20%	20%	60%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

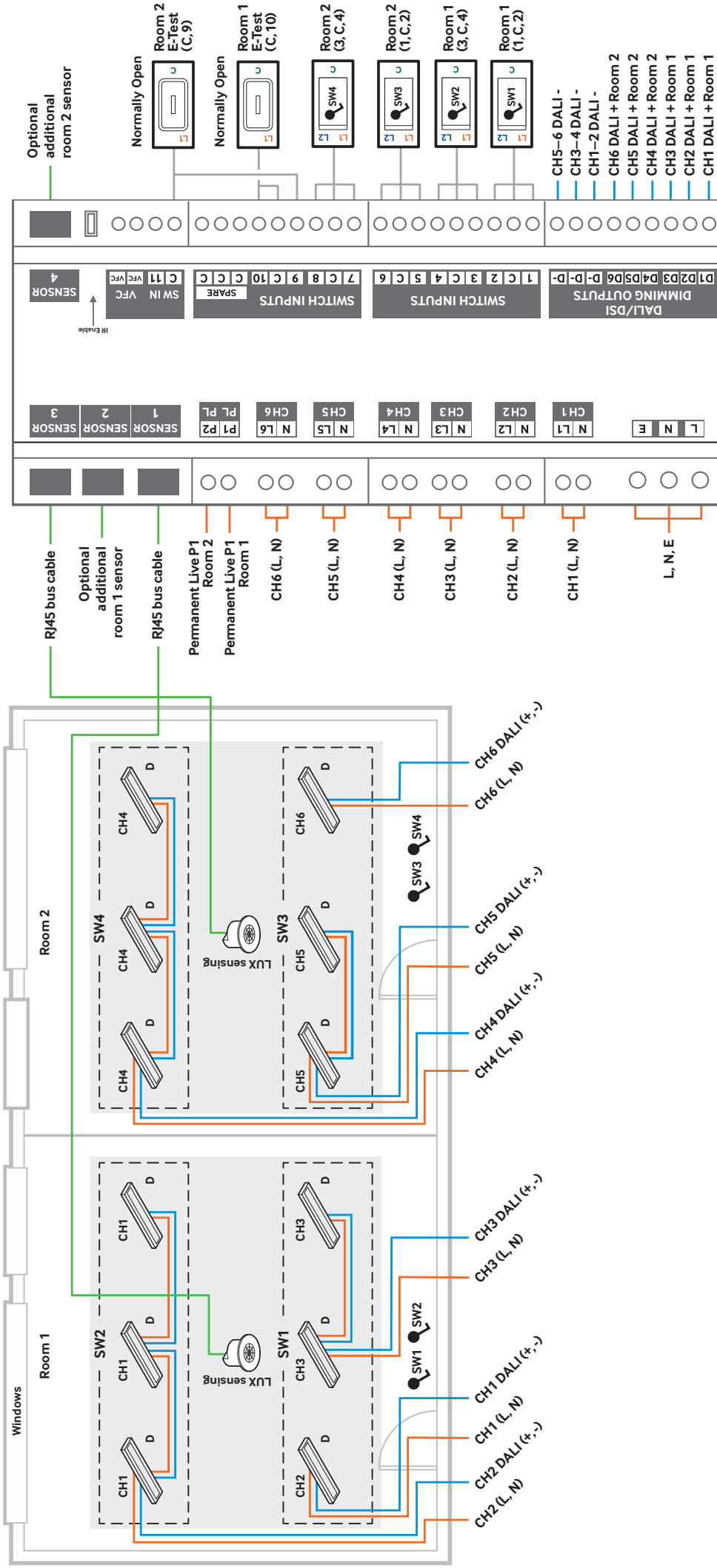
[illegible]

2 cellular offices each working in presence mode with a detector and/or switch. Daylight (Lux) graduated dimming is applied from the window rows.

[illegible]

Preset 47

2 cellular offices each working in presence mode with a detector and/or switch.
Daylight (Lux) graduated dimming is applied from the window rows.

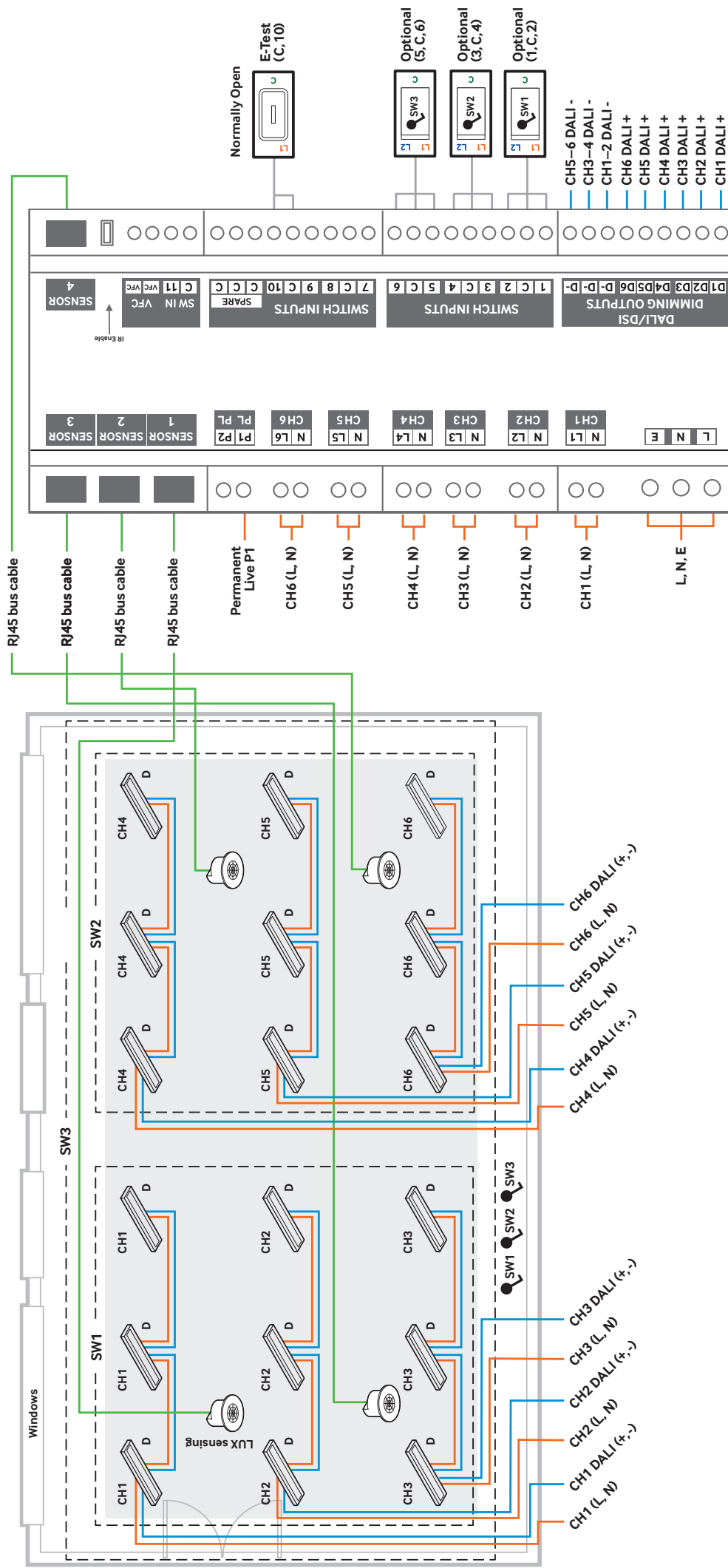


Preset 47

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 3-C-4	Sw 3-C-4	Sw 5-C-6	Sw 7-C-8	Sw 7-C-8	Sw C,4	Sw C,9	C,11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3-4	3-4	3-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	60%	60%	20%	60%	60%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 48

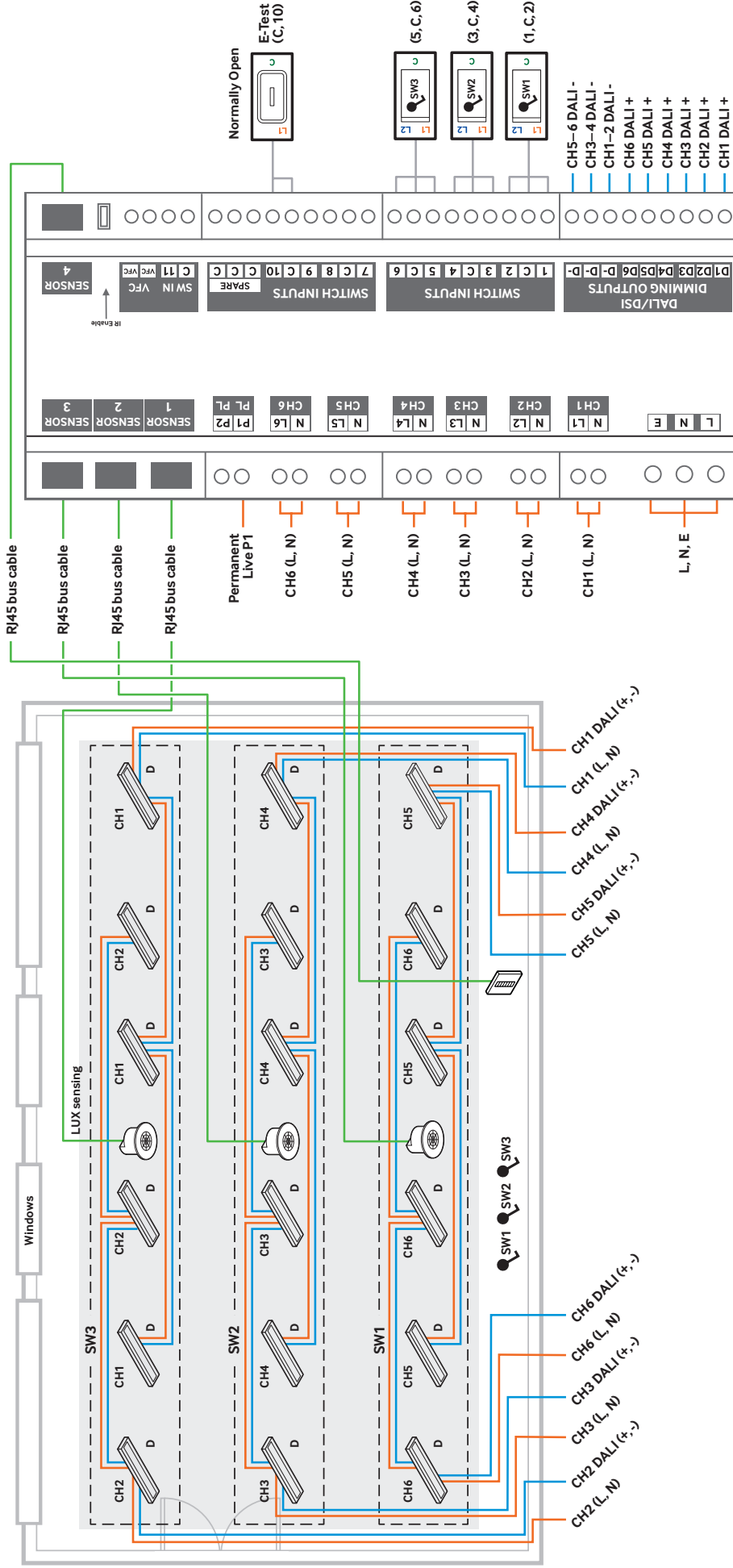
Open plan office working in presence mode. Daylight (Lux) graduated dimming is applied from the window rows.



Preset 48

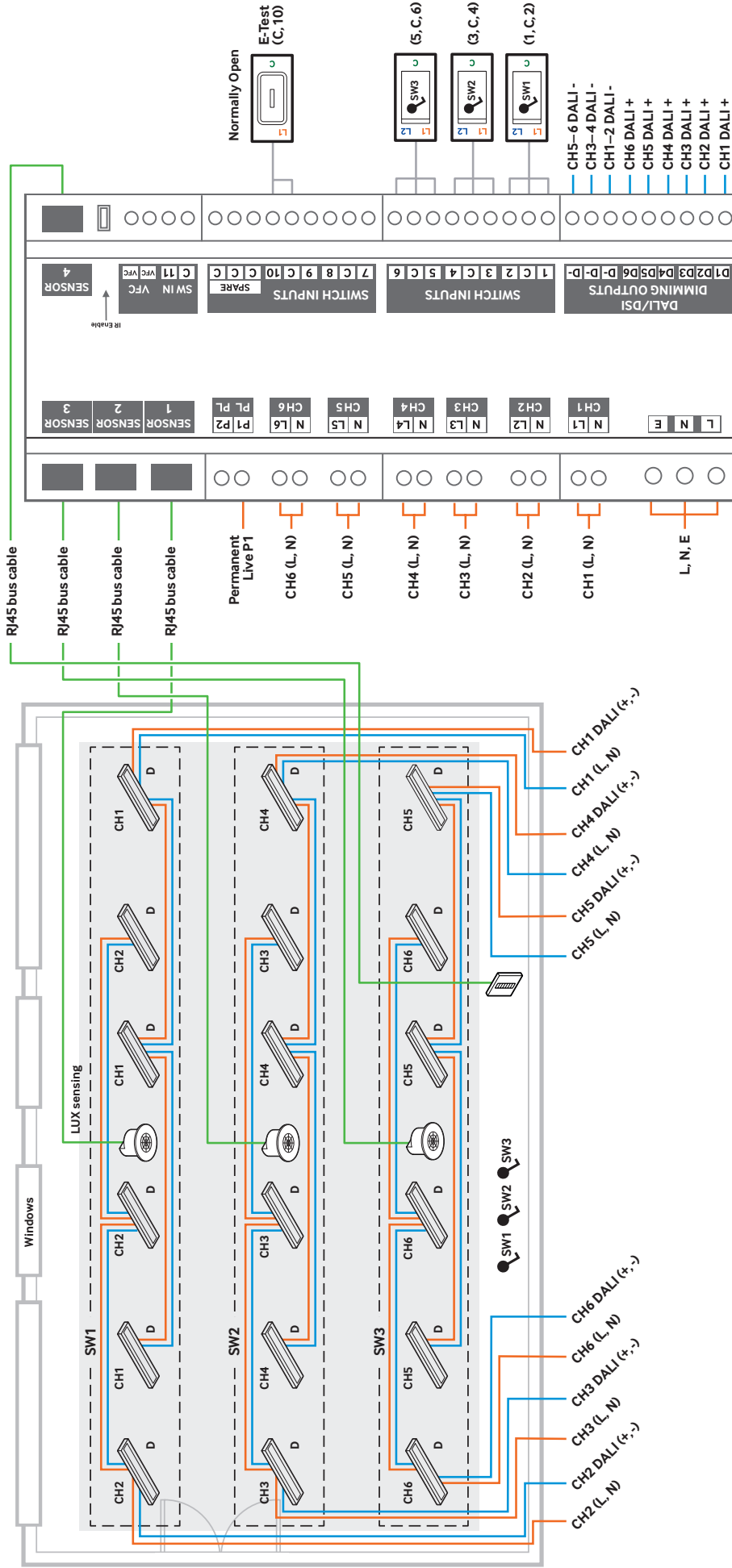
Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1.C.2 Sw 5.C.6	Sw 1.C.2 Sw 5.C.6	Sw 1.C.2 Sw 5.C.6	Sw 3.C.4 Sw 5.C.6	Sw 3.C.4 Sw 5.C.6	Sw 3.C.4 Sw 5.C.6	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	60%	100%	20%	60%	100%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Retail space in 3 rows switched and dimmable by wall switches. Each row is daylight (Lux) dimmed by its own sensor wired in alternate order so energy-saving switch off in a fairly uniform manner can be achieved. Occupancy is NOT used.



Preset 50

Retail space in 3 rows switched and dimmable by wall switches and also by the scene plate. Each row is daylight (Lux) dimmed by its own sensor with lights wired in alternate order so that energy-saving switch off in a fairly uniformed manner can be achieved. Occupancy is NOT used.



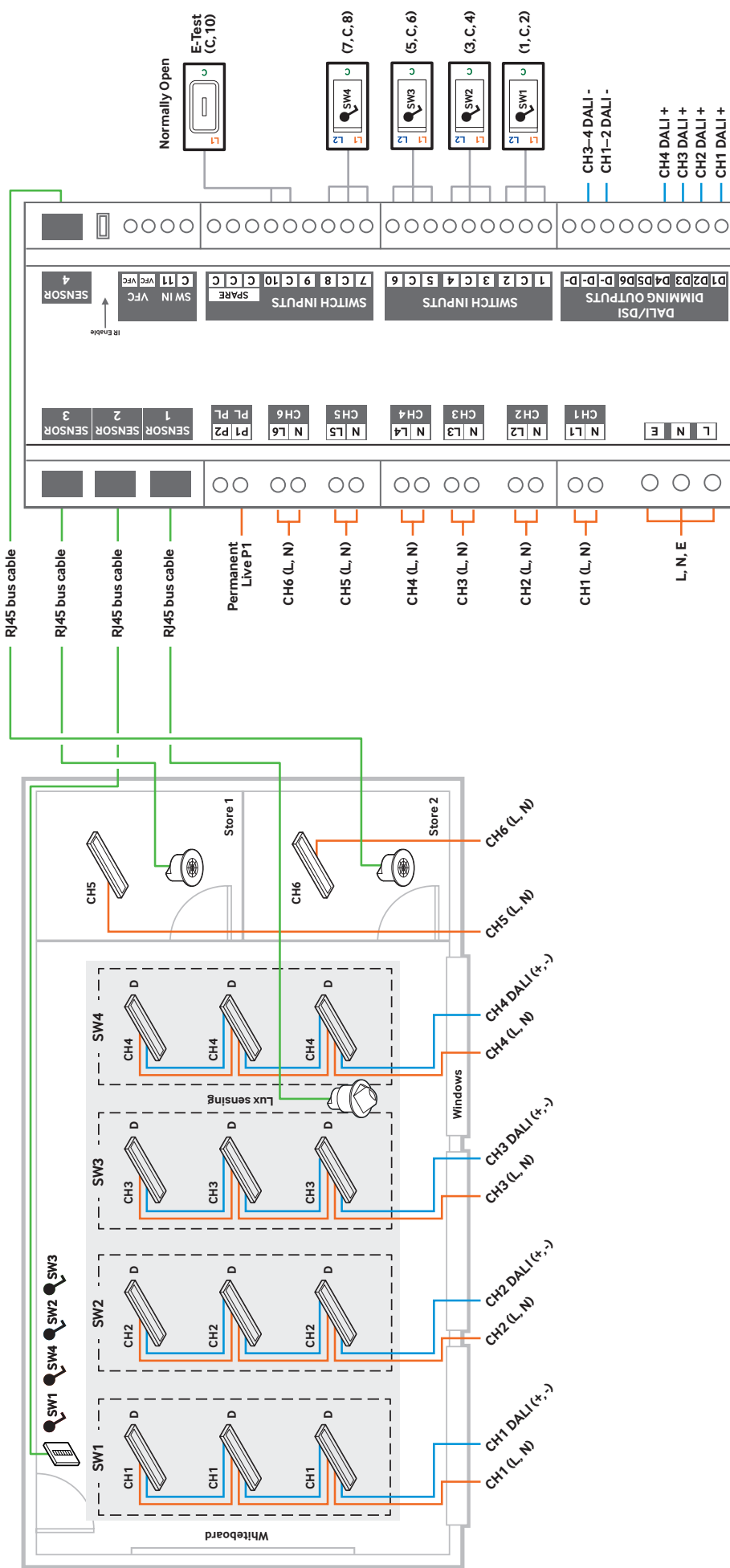
Preset 50

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Lux Only	Lux Only	Lux Only	Lux Only	Lux Only	Lux Only	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 3,C,4	Sw 3,C,4	Sw 5,C,6	Sw 5,C,6	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1	1	2	2	3	3	N/A	N/A	N/A	1-3
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scene 1 Level	LuxDim %	LuxDim %	LuxDim %	LuxDim %	LuxDim %	LuxDim %	N/A	N/A	N/A	N/A
Scene 2 Level	100 %	100 %	100 %	100 %	100 %	100 %	N/A	N/A	N/A	N/A
Scene 3 Level	0 %	100 %	0 %	100 %	0 %	100 %	N/A	N/A	N/A	N/A
Scene 4 Level	0 %	0 %	0 %	100 %	100 %	100 %	N/A	N/A	N/A	N/A

80

Preset 52

Classroom with 4 columns of luminaires switched and dimmed in absence mode. Daylight (Lux) dimmed as one group. Scene control with scene plate. Whiteboards working in presence mode.

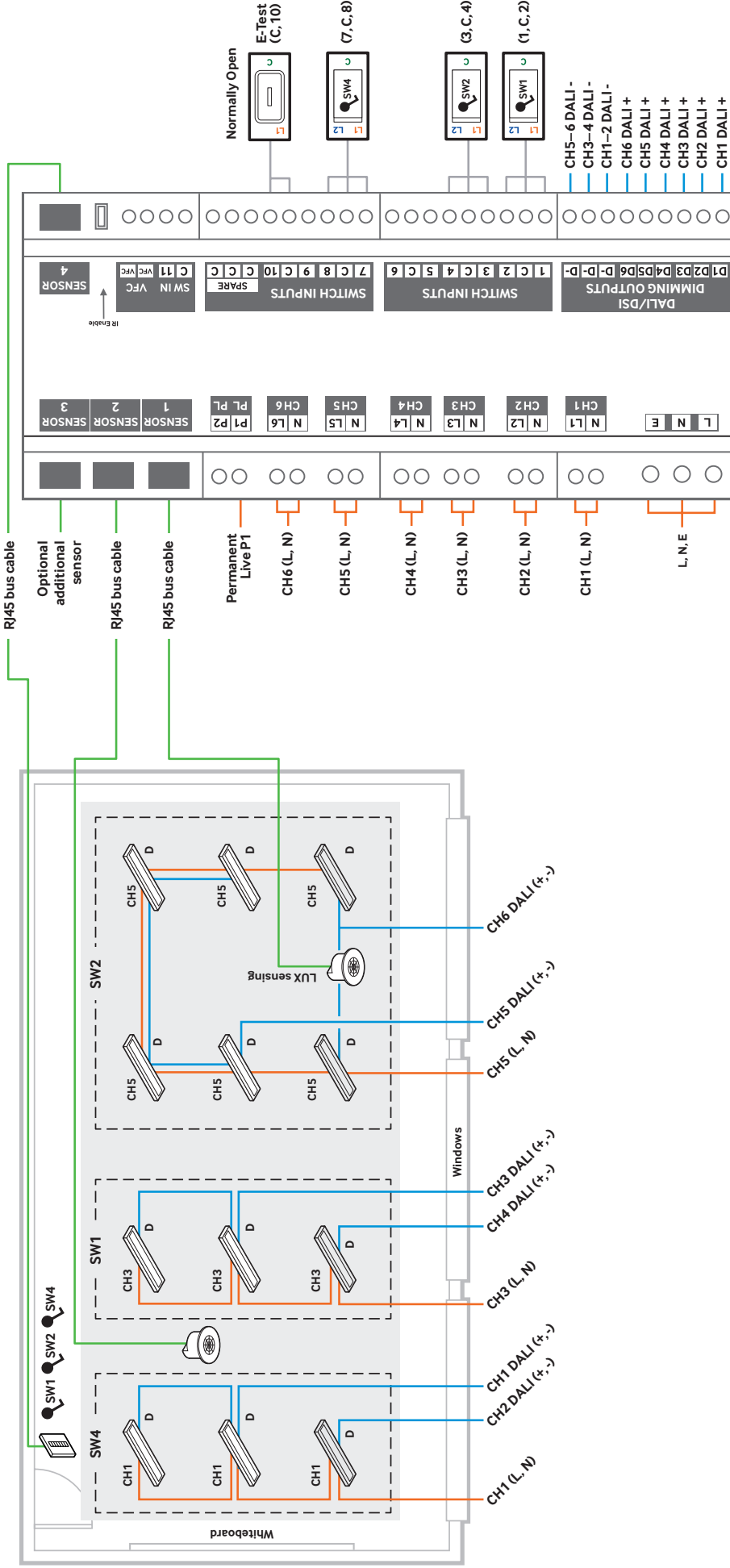


Preset 52

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Whiteboard Sw 1, C, 2	Sw 3, C, 4	Sw 5, C, 6	Sw 7, C, 8	N/A	N/A	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1	1	1	1	3	4	N/A	N/A	N/A	1, 3, 4
Lux Dim Level	20%	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A
Scene 1 Level	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	75%	N/A	N/A	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	50%	N/A	N/A	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	25%	N/A	N/A	N/A	N/A	N/A	N/A

Preset 53

Classroom switching in absence mode as one whole group with 2 step daylight (Lux) dimming.
Whiteboard column and 2 other sub-divided groups can be switched and dimmed separately with wall switches.
Additional scene plate can also be added and control scenes.

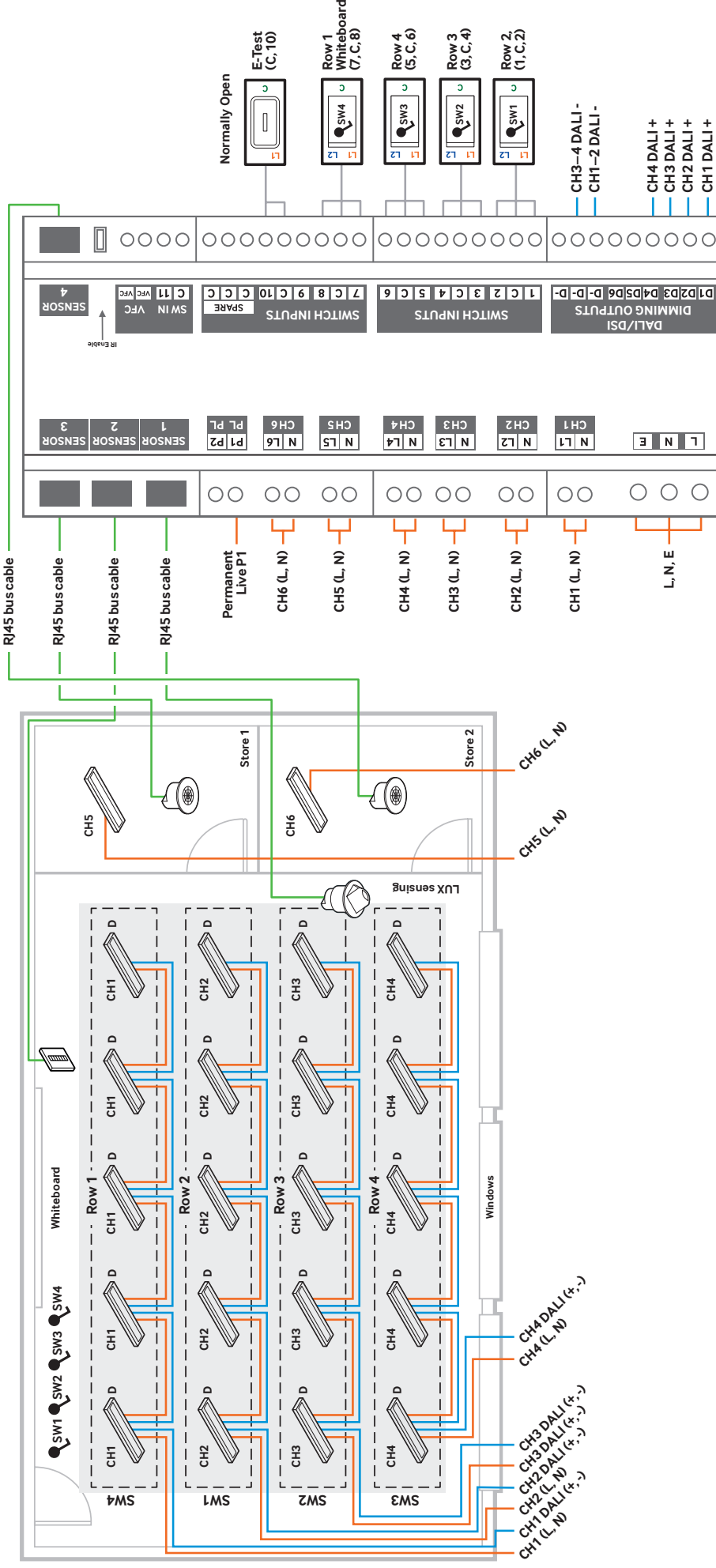


Preset 53

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Whiteboard Sw 7,C,8	Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	Sw 3,C,4	Sw 3,C,4	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-3	1-3	1-3	1-3	1-3	1-3	N/A	N/A	N/A	1-3
Lux Dim Level	60%	20%	60%	20%	60%	N/A	N/A	N/A	N/A	N/A
Scene 1 Level	LuxDim %	LuxDim %	LuxDim %	LuxDim %	LuxDim %	LuxDim %	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A

Preset 54

Classroom with 4 rows switching in absence mode as one whole group with graduated daylight (Lux) dimming. Whiteboard row and 3 other sub-divided groups can be switched and dimmed separately with wall switches. Additional scene plate can also be added and control scenes. Store cupboards are individually switched in presence mode.

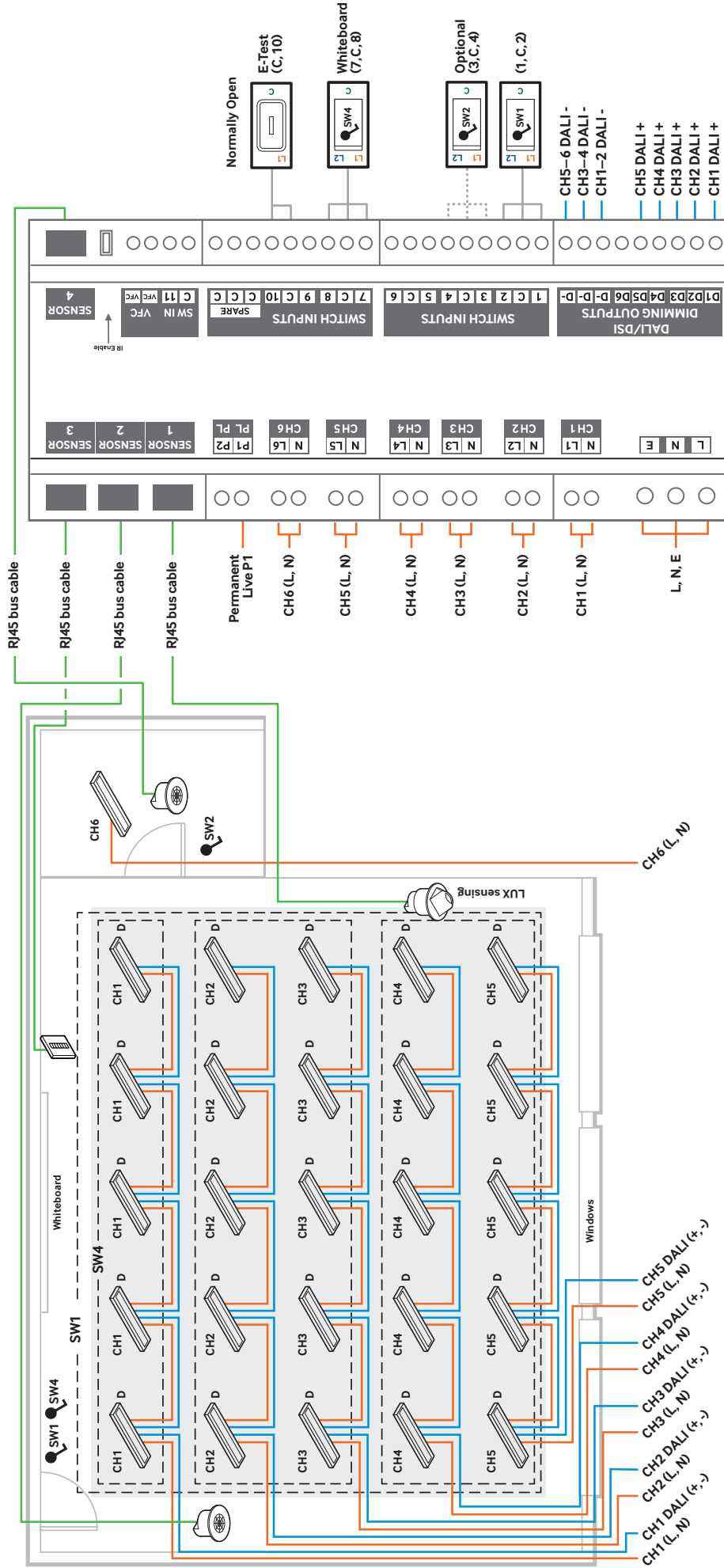


Preset 54

Channels	1	2	3	4	5	6	P1	P2	AI CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Whiteboard Sw 7, C.8	Sw 1, C.2	Sw 3, C.4	Sw 5, C.6	N/A	N/A	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	1-2	3	4	N/A	N/A	N/A	1, 3, 4
Lux Dim Level	100%	60%	60%	20%	N/A	N/A	N/A	N/A	N/A	N/A
Scene 1 Level	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	75%	N/A	N/A	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	50%	N/A	N/A	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	25%	N/A	N/A	N/A	N/A	N/A	N/A

Preset 55

Classroom with 5 rows switching in absence mode as one whole group with graduated daylight (Lux) dimming. Whiteboard row can be switched and dimmed separately with a wall switch. Additional scene plate can also be added and control scenes. Store cupboard is individually switched in presence mode.

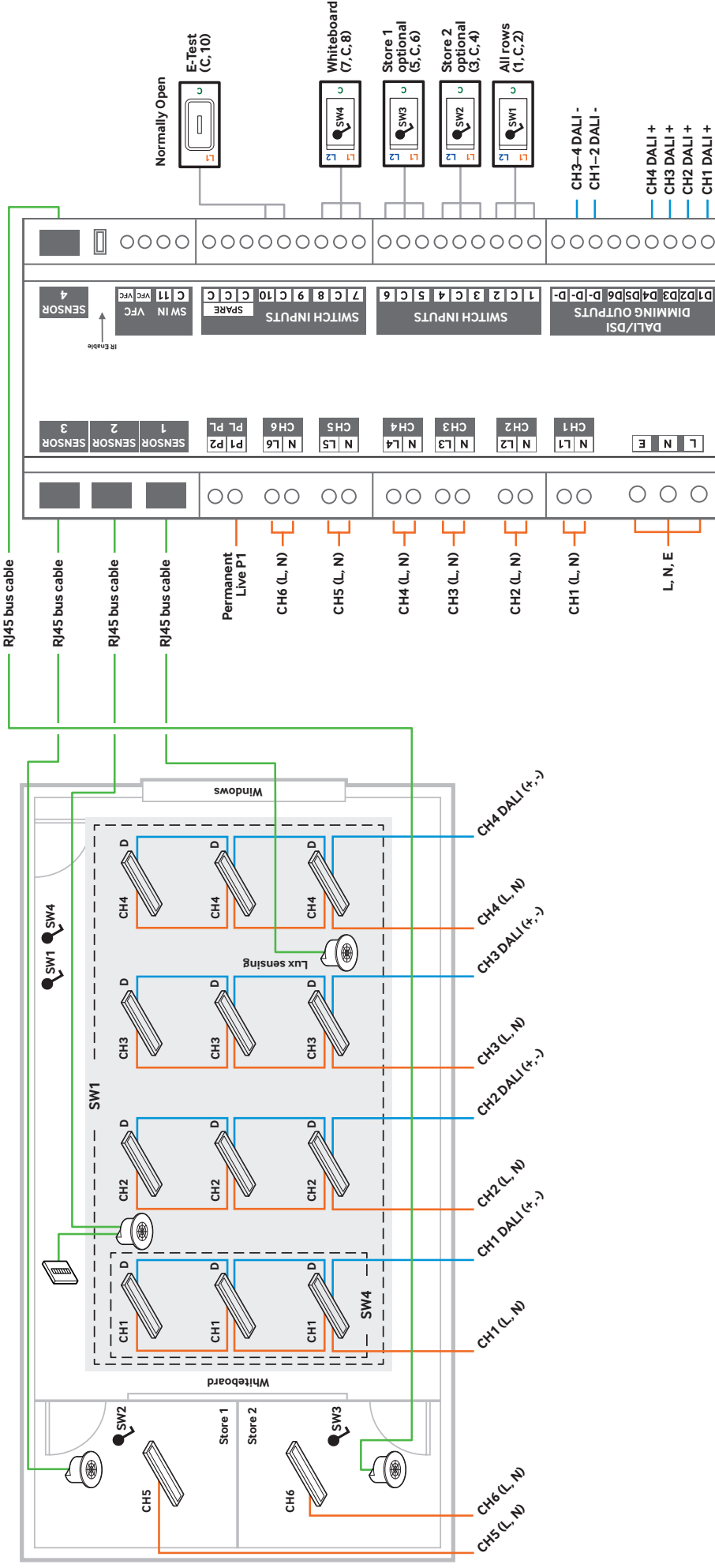


Preset 55

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Whiteboard Sw 7.C.8	Sw 1.C.2	Sw 1.C.2	Sw 1.C.2	Sw 1.C.2	Sw 3.C.4 optional use in cupboard	C.10	C.10	C.11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	1-2	1-2	4	N/A	N/A	N/A	1, 2, 4
Lux Dim Level	100%	60%	60%	20%	60%	N/A	N/A	N/A	N/A	N/A
Scene 1 Level	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A	N/A

Preset 56

Classroom with luminaires working in absence mode. whiteboard on channel 1.Store cupboards working in presence mode. Scene plate by teachers desk. Daylight (Lux) single group dimming as scene 1.

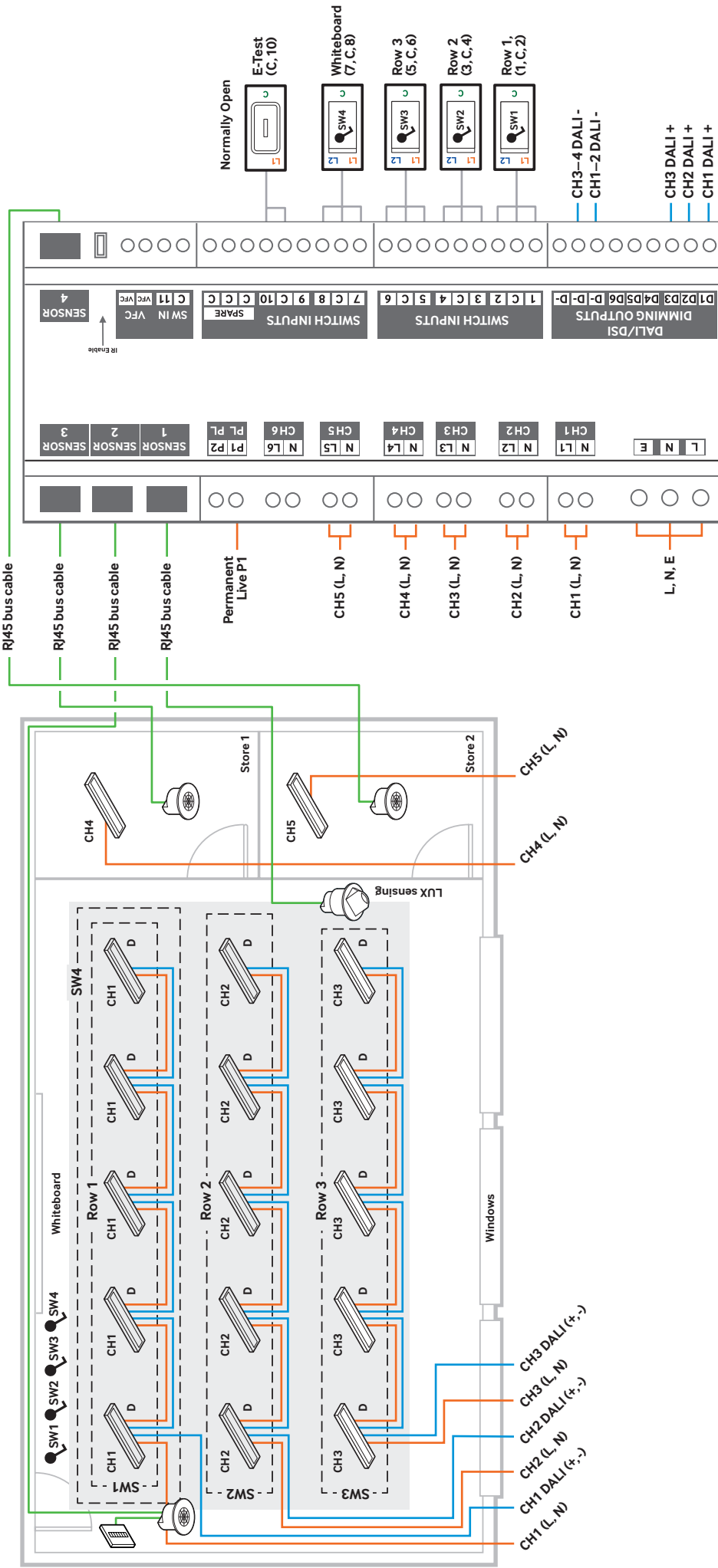


Preset 56

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 3,C,4 optional use in cupboard	Sw 5,C,6 optional use in cupboard	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	1-2	3	4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A
Scene 1 Level	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	75%	N/A	N/A	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	50%	N/A	N/A	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	25%	N/A	N/A	N/A	N/A	N/A	N/A

Preset 57

Classroom with 3 rows of luminaires working in absence mode, whiteboard on channel 1.
Scene plate control and daylight (Lux) dimming on channels 1-3 together as scene 1. Store cupboards working in presence mode.

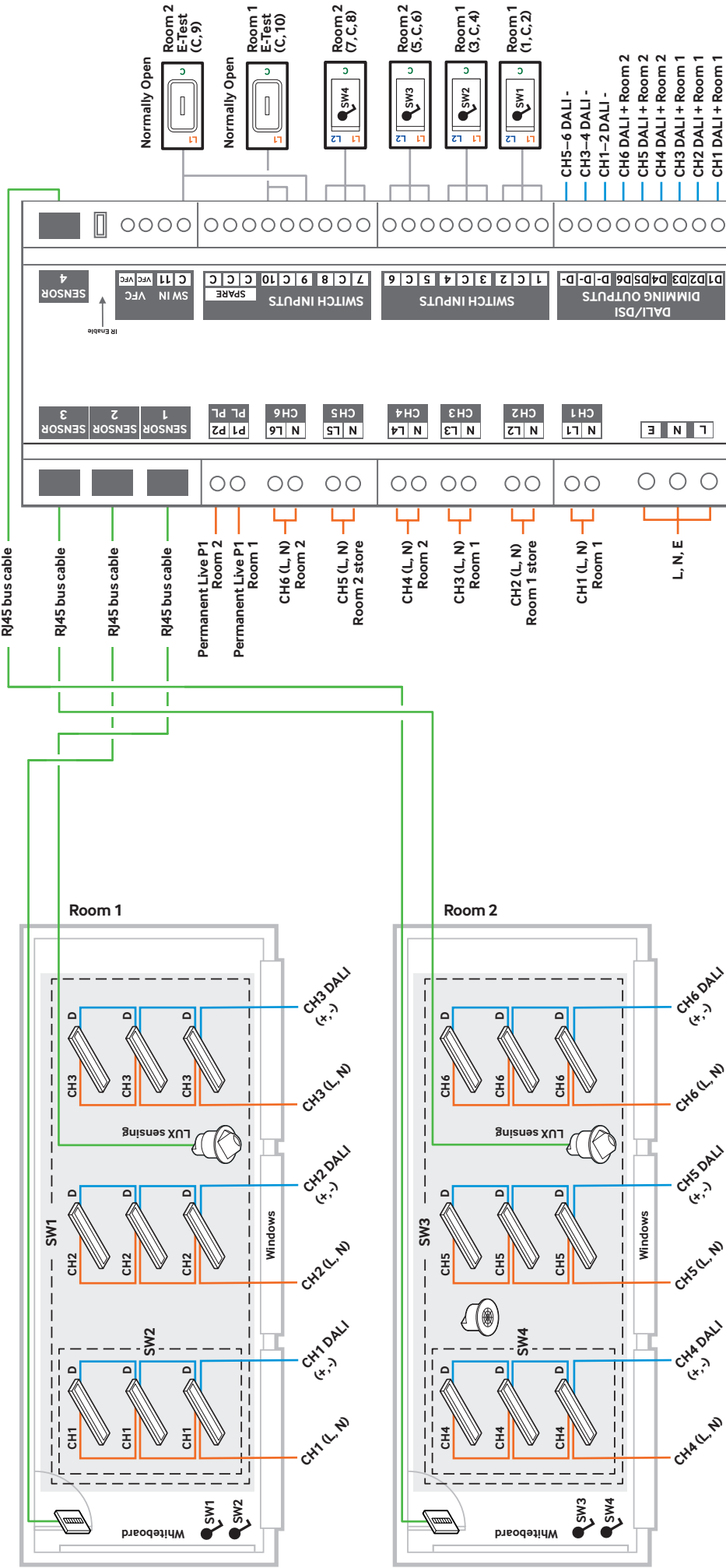


Preset 57

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Presence	Presence	N/A	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1.C.2 Whiteboard Sw 7.C.8	Sw 3.C.4	Sw 5.C.6	N/A	N/A	N/A	C.10	C.10	C.11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3	4	N/A	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scene 1 Level	LuxDim %	LuxDim %	LuxDim %	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 58

2 classroom with 3 columns of luminaires working in absence mode. Scene plate control and daylight (lux) uniformed dimming in each room as scene 1. Whiteboard on channel 1 (room 1) and channel 4 (room 2).

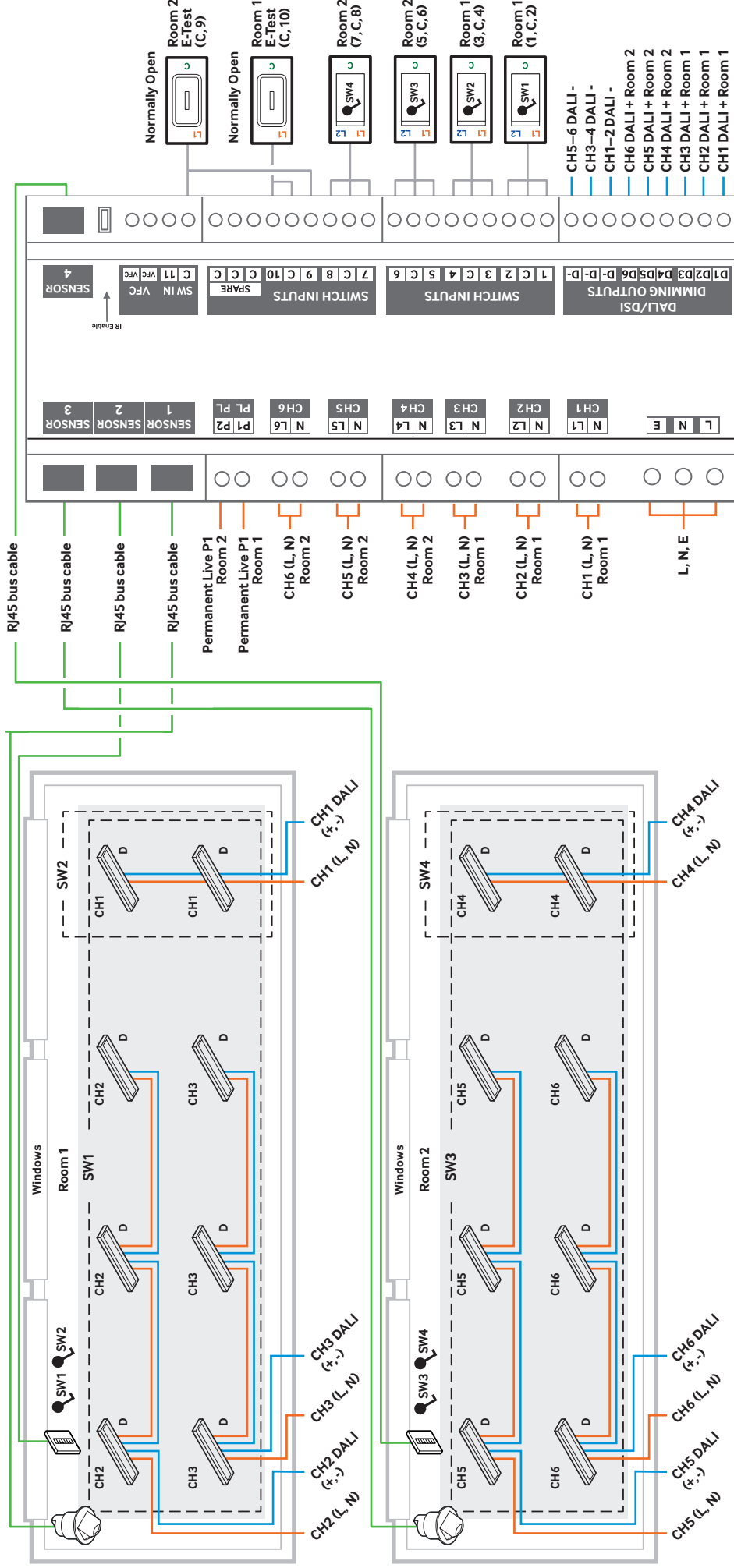


Preset 58

Channels		1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode		Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs		Sw 1,C,2 Whiteboard Sw 3,C,4	Sw 1,C,2	Sw 1,C,2	Sw 5,C,6 Whiteboard Sw 7,C,8	Sw 5,C,6	Sw 5,C,6	C,10	C,9	C,11	All relevant inputs
Sensor Inputs		1-2	1-2	1-2	3-4	3-4	3-4	N/A	N/A	N/A	N/A
Lux Dim Level		20%	20%	20%	20%	20%	20%	N/A	N/A	N/A	N/A
Scene 1 Level		Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A
Scene 2 Level		75%	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A
Scene 3 Level		50%	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A
Scene 4 Level		25%	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A

Preset 59

2 classroom with 3 columns of luminaires working in absence mode. Scene plate control and daylight (lux) graduated dimming in each room as scene 1 (except for whiteboard lights that are controlled together). Whiteboard on channel 1 (room 1) and channel 4 (room 2).



Preset 59

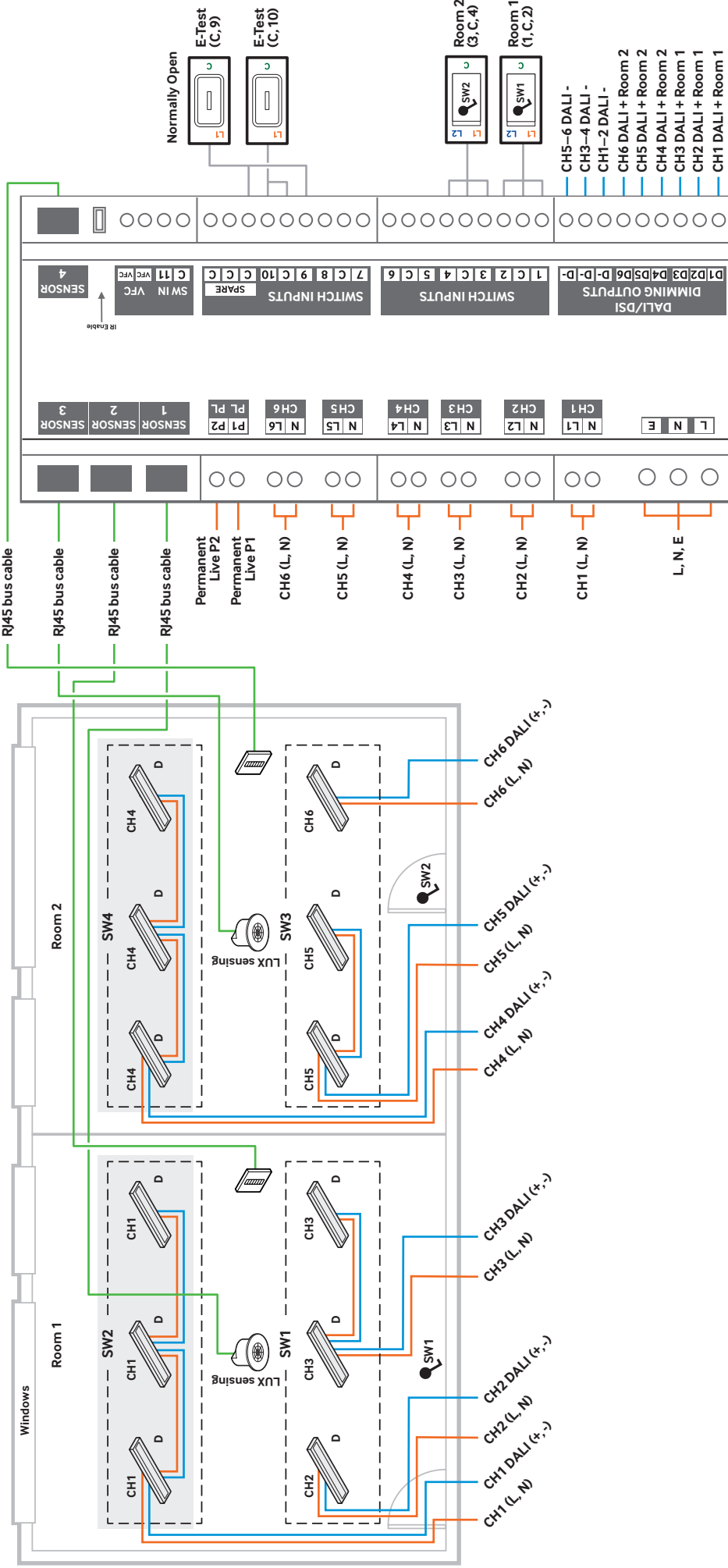
Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Room 1, Sw 1,C,2, Sw 3,C,4	Sw 1,C,2	Sw 1,C,2	Room 2, Sw 5,C,6, Sw 7,C,8	Sw 5,C,6	Sw 5,C,6	C,10	C,9	C,11	All relevant inputs
Sensor Inputs	1-2	1-2	1-2	3-4	3-4	3-4	N/A	N/A	N/A	N/A
Lux Dim Level	20%	20%	20%	20%	20%	60%	N/A	N/A	N/A	N/A
Scene 1 Level	LuxDim %	LuxDim %	LuxDim %	LuxDim %	LuxDim %	LuxDim %	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A

3 cellular offices working in presence mode with a detector and/or switch and scene plate in each. Daylight (Lux) graduated dimming as scene 1.



Channels		1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode		Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs		Sw 1,C,2	Sw 1,C,2	Sw 3,C,4	Sw 3,C,4	Sw 5,C,6	Sw 5,C,6	C,10	C,10	C,11	All relevant inputs
Sensor Inputs		1	1	2	2	3	3	N/A	N/A	N/A	1-3
Lux Dim Level		60%	20%	60%	20%	60%	20%	N/A	N/A	N/A	N/A
Scene 1 Level		Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A
Scene 2 Level		75%	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A
Scene 3 Level		50%	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A
Scene 4 Level		25%	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A

2 cellular offices working in presence mode with a detector and/or switch in each with window row daylight (Lux) dimming with individual row manual switching and dimming also.

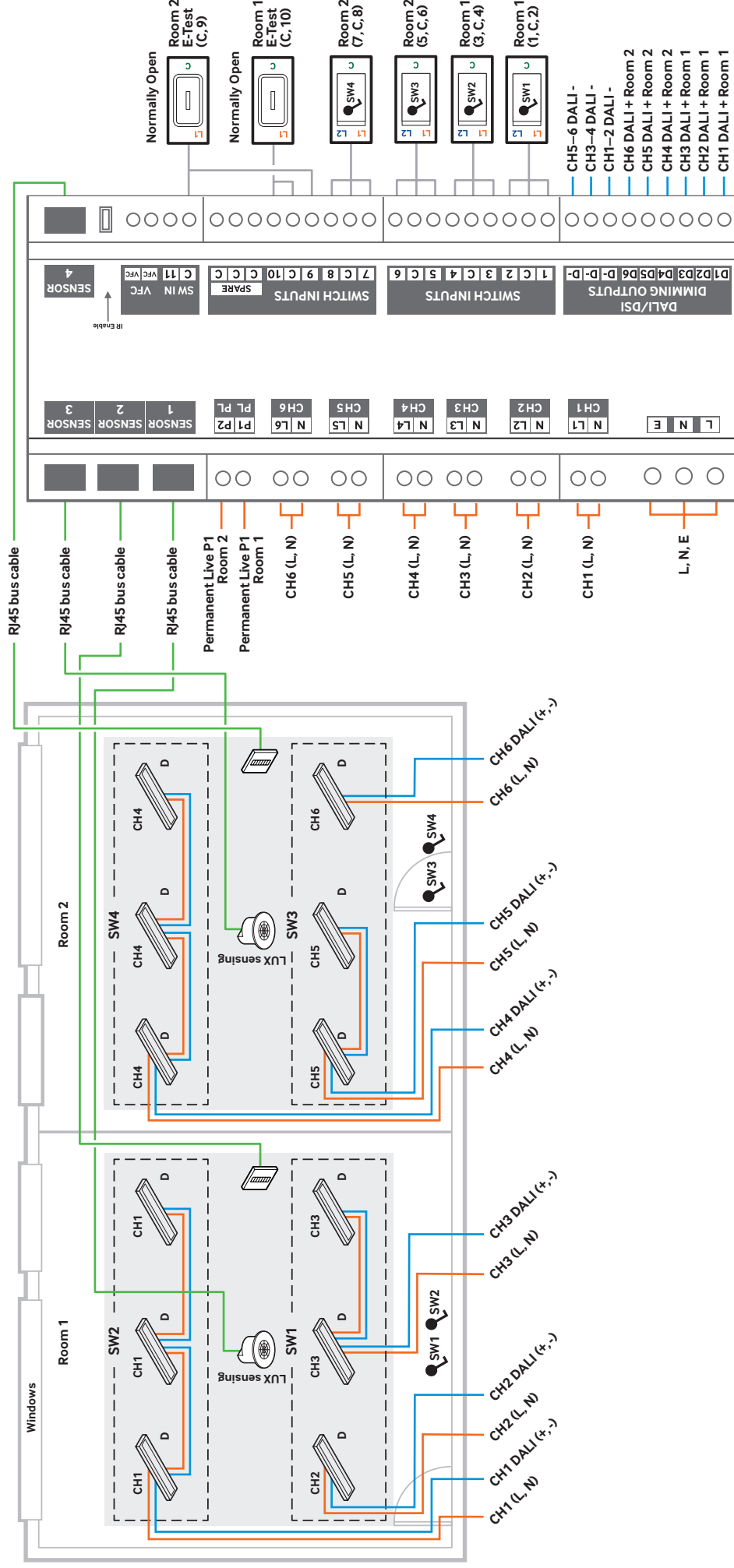


Preset 61

Channels		1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode		Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs		Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 3,C,4	Sw 3,C,4	Sw 3,C,4	C,10	C,9	C,11	All relevant inputs
Sensor Inputs		1	1	1	3	3	3	N/A	N/A	N/A	1-3
Lux Dim Level		20%	60%	60%	20%	60%	60%	N/A	N/A	N/A	N/A
Scene 1 Level		Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A
Scene 2 Level		75%	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A
Scene 3 Level		50%	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A
Scene 4 Level		25%	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A

Preset 62

2 cellular offices working in presence mode with a detector and/or switch in each.
Scene plate control and daylight (Lux) graduated dimming as scene 1 and individual row wall switching.

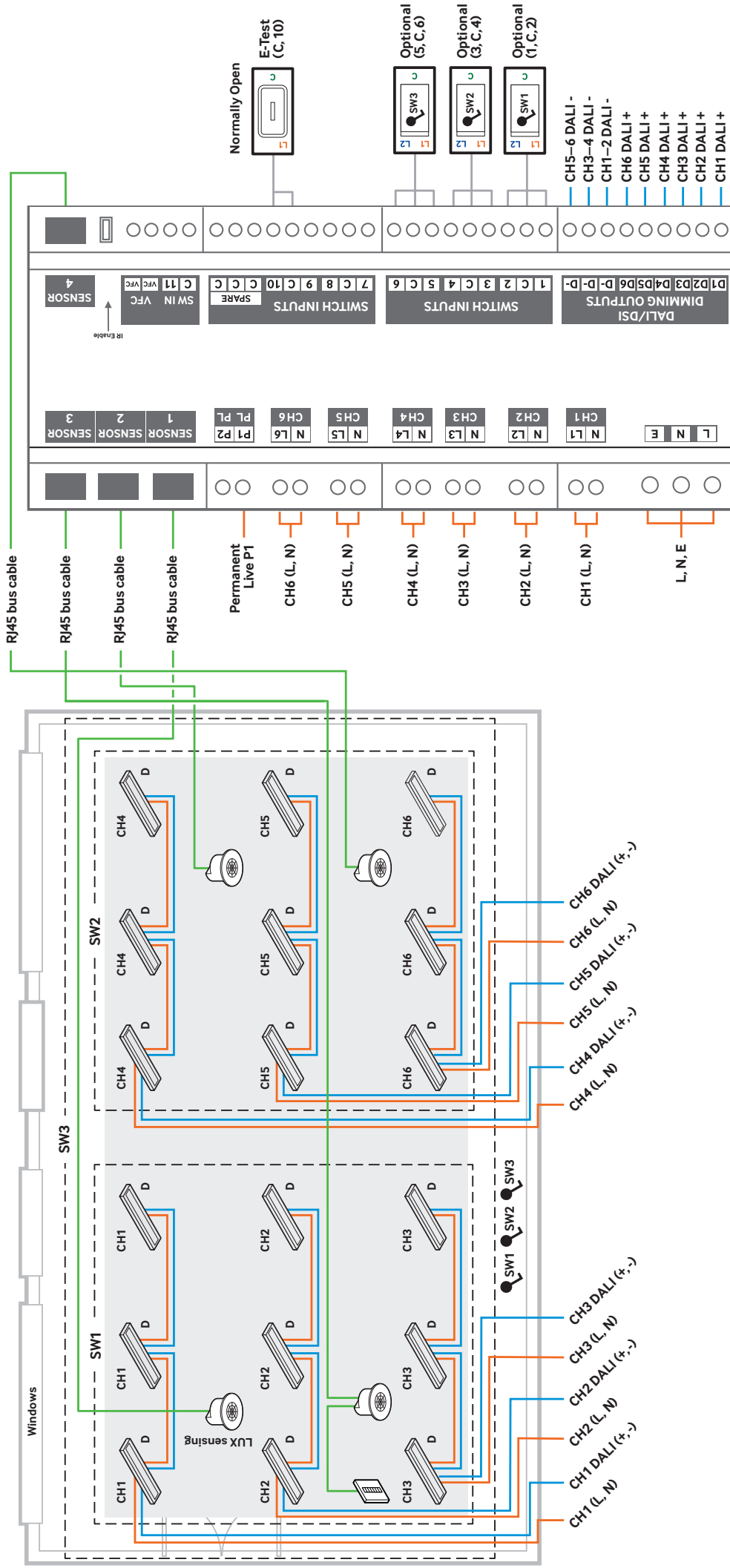


Preset 62

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 3,C,4	Sw 1,C,2	Sw 1,C,2	Sw 7,C,8	Sw 5,C,6	Sw 5,C,6	C,10	C,9	C,11	All relevant inputs
Sensor Inputs	1	1	1	3	3	3	N/A	N/A	N/A	1,3
Lux Dim Level	20%	60%	60%	20%	60%	60%	N/A	N/A	N/A	N/A
Scene 1 Level	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A

Preset 63

Open plan office working in presence mode as one group but sub-divided into 2 wall switching groups.
Scene control and daylight (Lux) graduated dimming as scene 1, all fittings dimmable. Graduated dimming in scene 1.

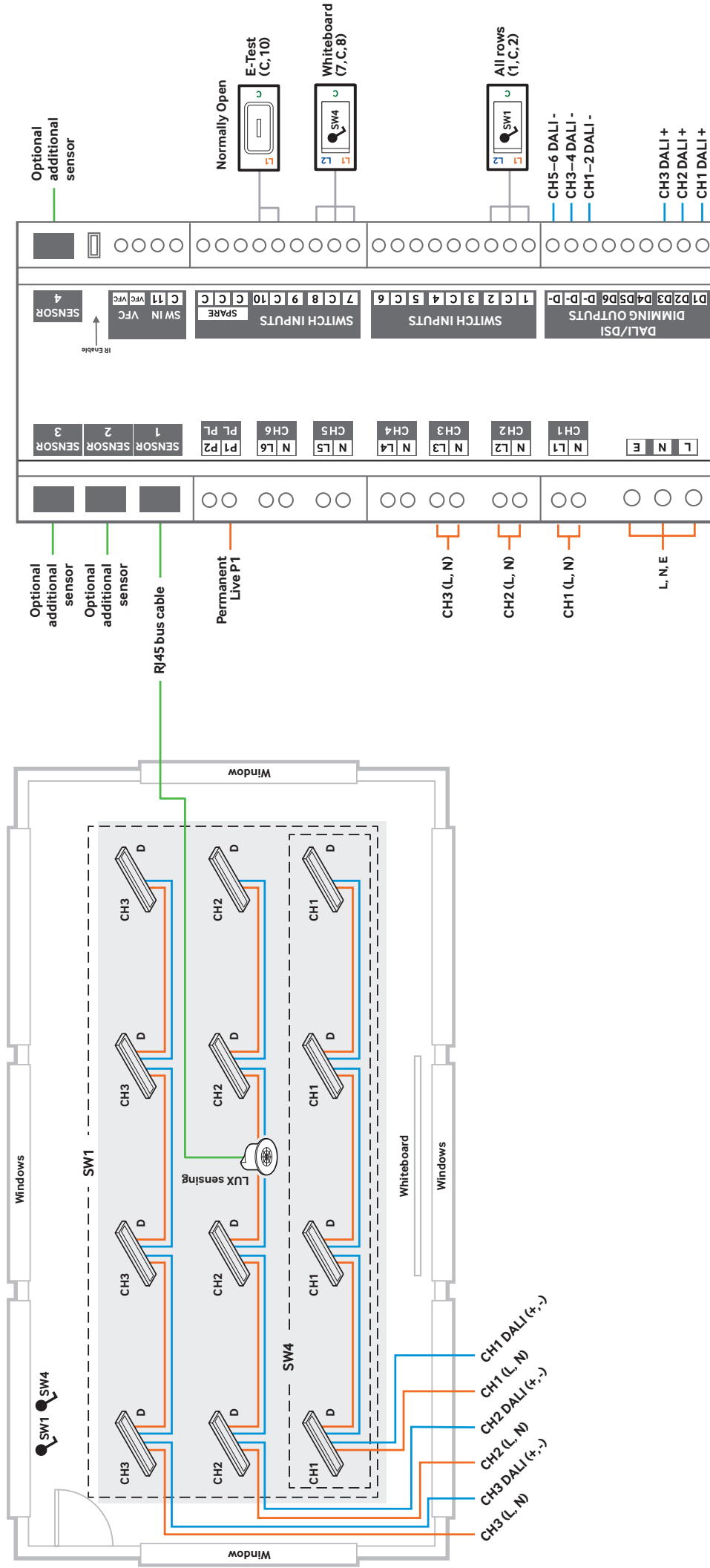


Preset 63

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Sw 5, C, 6	Sw 1, C, 2 Sw 5, C, 6	Sw 1, C, 2 Sw 5, C, 6	Sw 3, C, 4 Sw 5, C, 6	Sw 3, C, 4 Sw 5, C, 6	Sw 3, C, 4 Sw 5, C, 6	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	60%	100%	20%	60%	100%	N/A	N/A	N/A	N/A
Scene 1 Level	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A

Classroom with 3 rows of luminaires working in absence mode, whiteboard on channel 1. Daylight (Lux) graduated dimming from 2 windows from opposite sides.

93

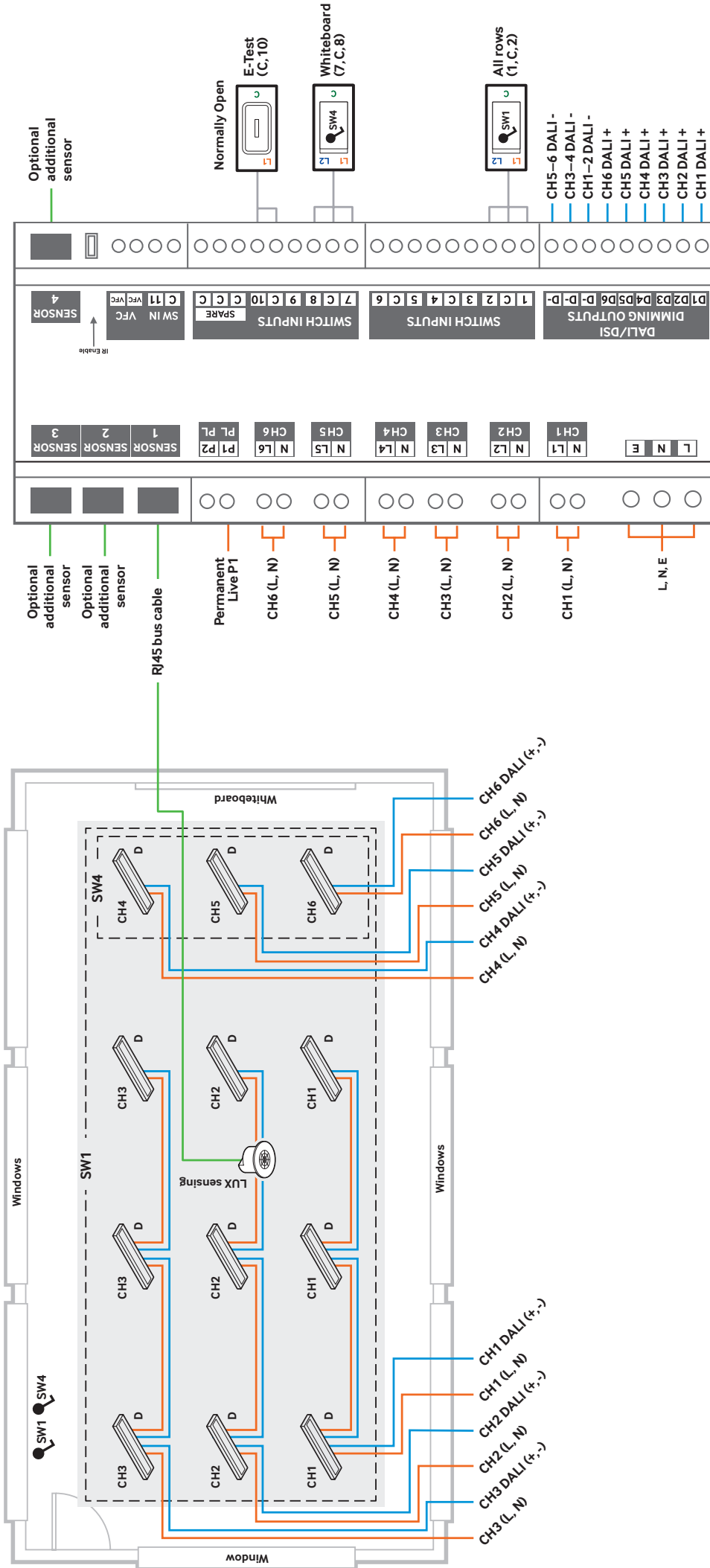


Preset 65

[illegible]

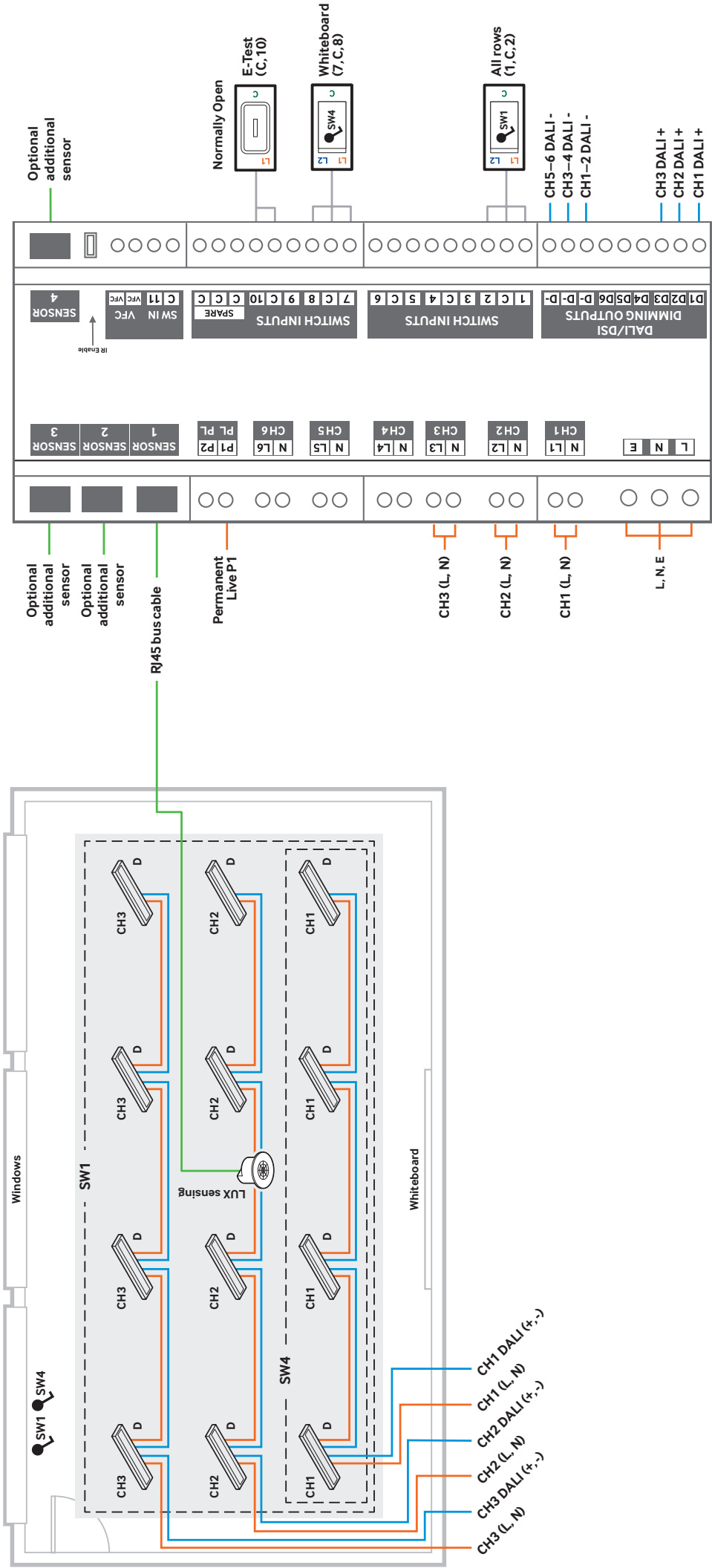
Preset 66

Classroom with 3 rows of luminaires working in absence mode. Whiteboard on channel 4,5,6. Daylight (Lux) dimming uniformly together.



Preset 66

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	20%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

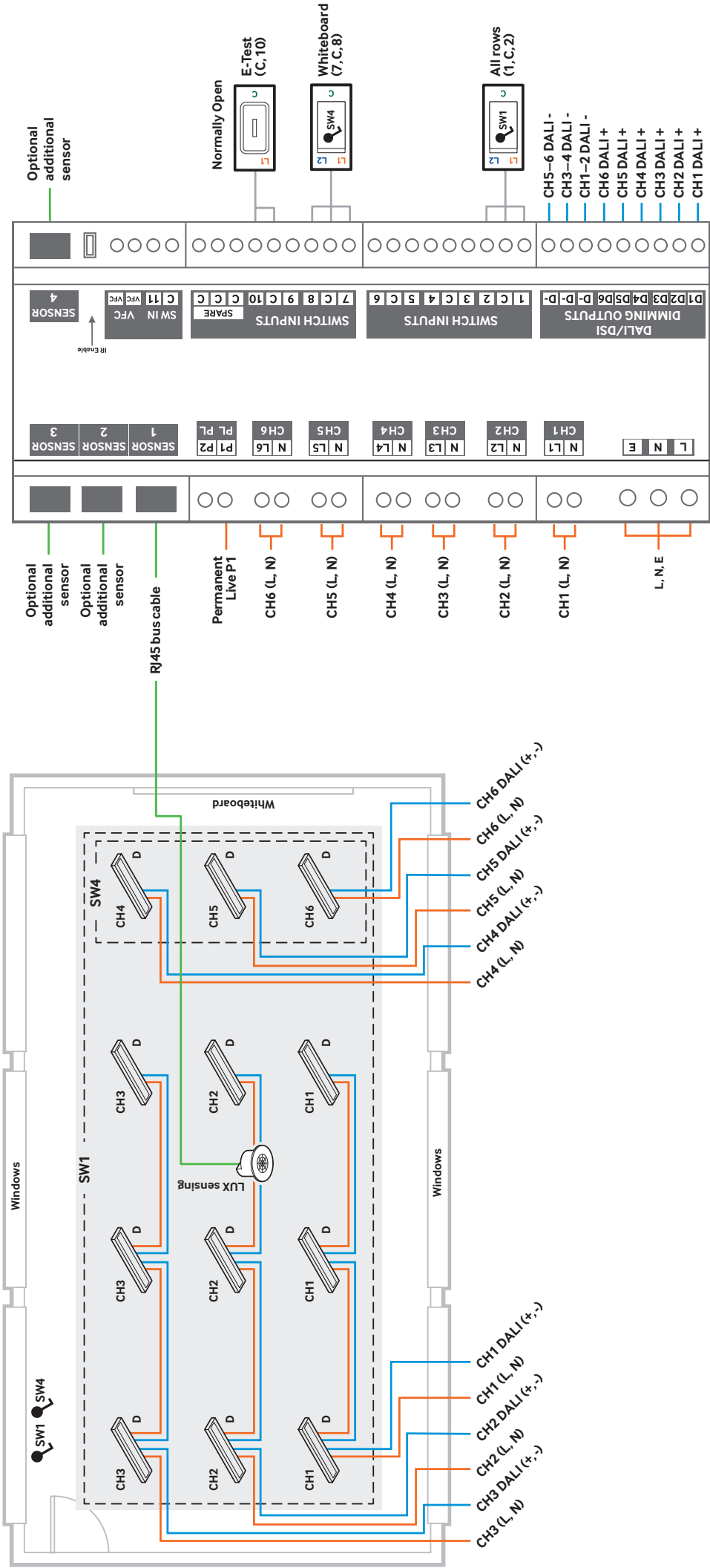


Preset 67

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	N/A	N/A	N/A	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	N/A	N/A	N/A	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	N/A	N/A	N/A	N/A	N/A	N/A	1-4
Lux Dim Level	100%	60%	20%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Classroom with 3 rows of luminaires working in absence mode. Whiteboard on channel 4,5,6. Daylight (Lux) graduated dimming from windows from opposite sides.

[illegible]

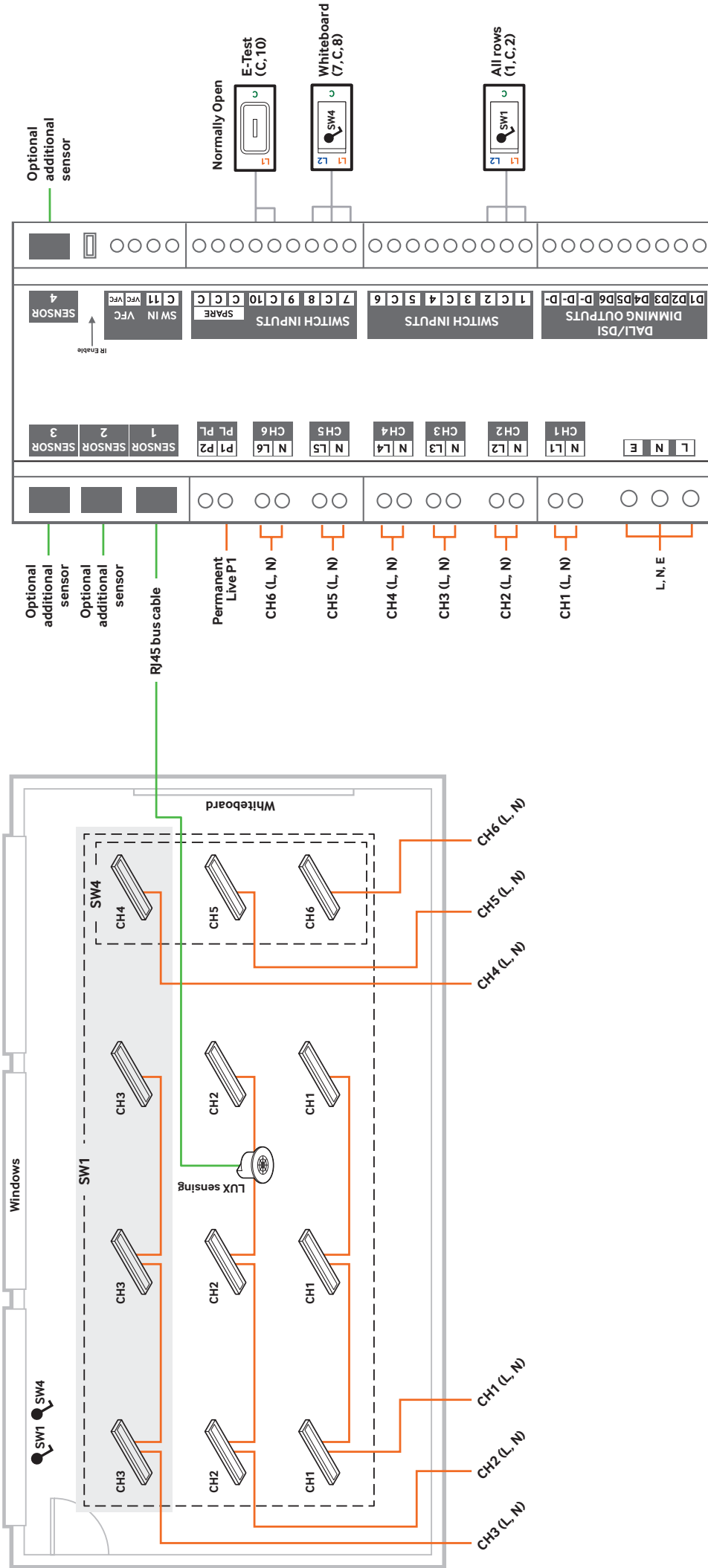


Preset 69

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	60%	20%	20%	60%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

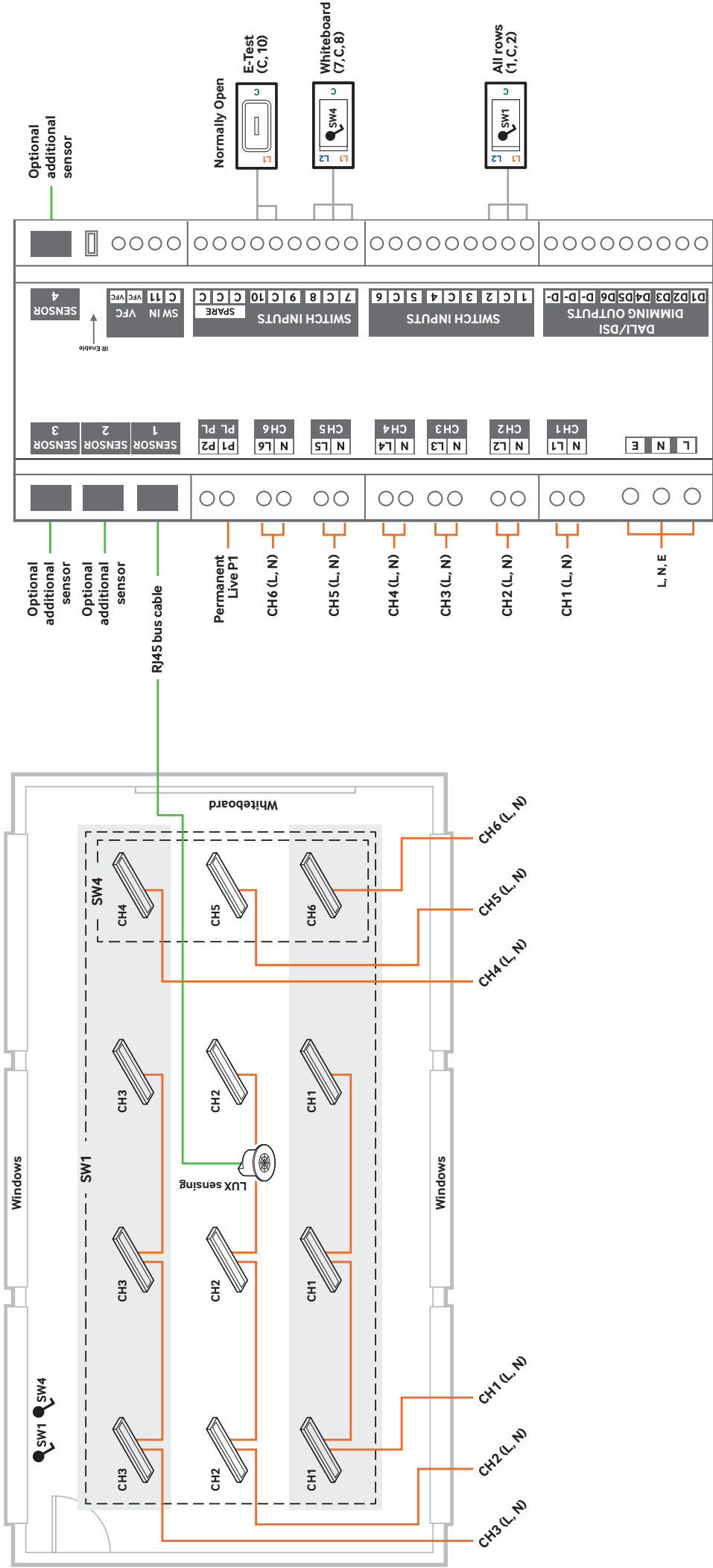
Preset 70

Classroom with 3 rows of luminaires working in absence mode. whiteboardon channel 4,5,6. Window row daylight (Lux) switching.



Preset 70

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2 Whiteboard Sw 7,C,8	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	N/A
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	NO	NO	YES	YES	NO	NO	N/A	N/A	N/A	N/A

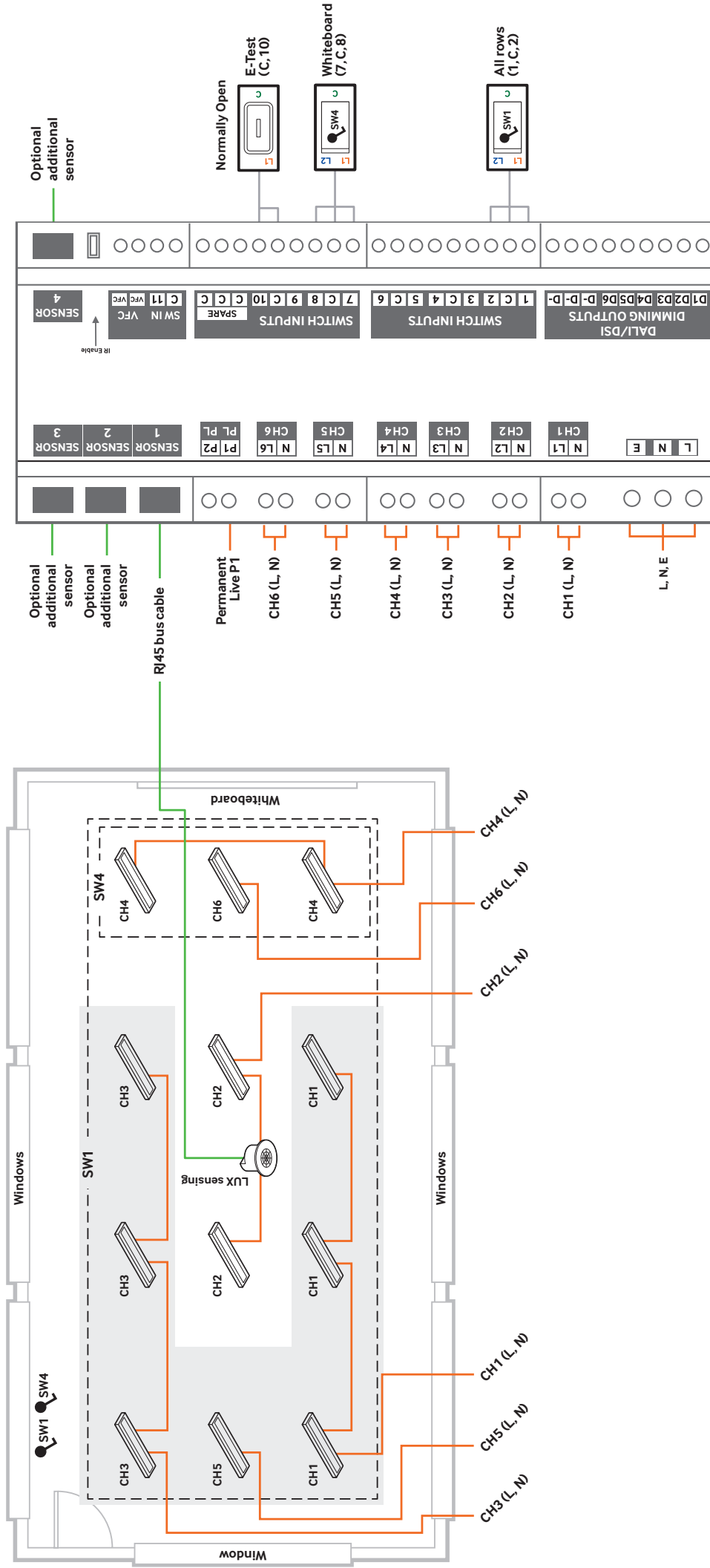


Preset 71

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2 Whiteboard Sw 7,C,8	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	NO	YES	YES	NO	YES	N/A	N/A	N/A	N/A

Preset 72

Classroom with 3 rows of luminaires working in absence mode. whiteboard on channel 4.
Daylight (Lux) switching from 3 sides of windows.



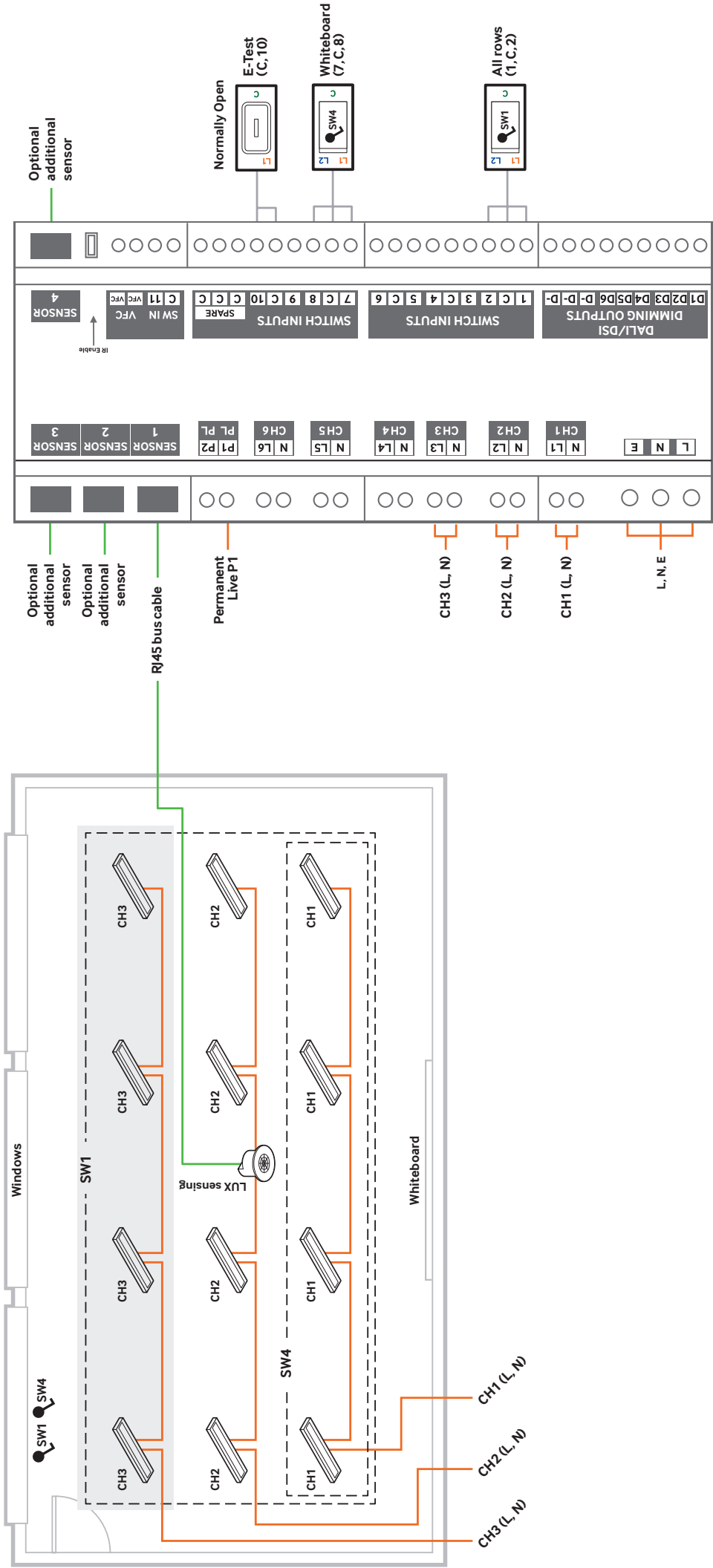
Preset 72

* Channel 6 is optional

Channels	1	2	3	4	5	6*	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	NO	YES	NO	YES	NO	N/A	N/A	N/A	N/A

Preset 73

Classroom with 3 rows of luminaires working in absence mode. Whiteboard (Lux) switching on channel 1. Daylight (Lux) switching on window row.

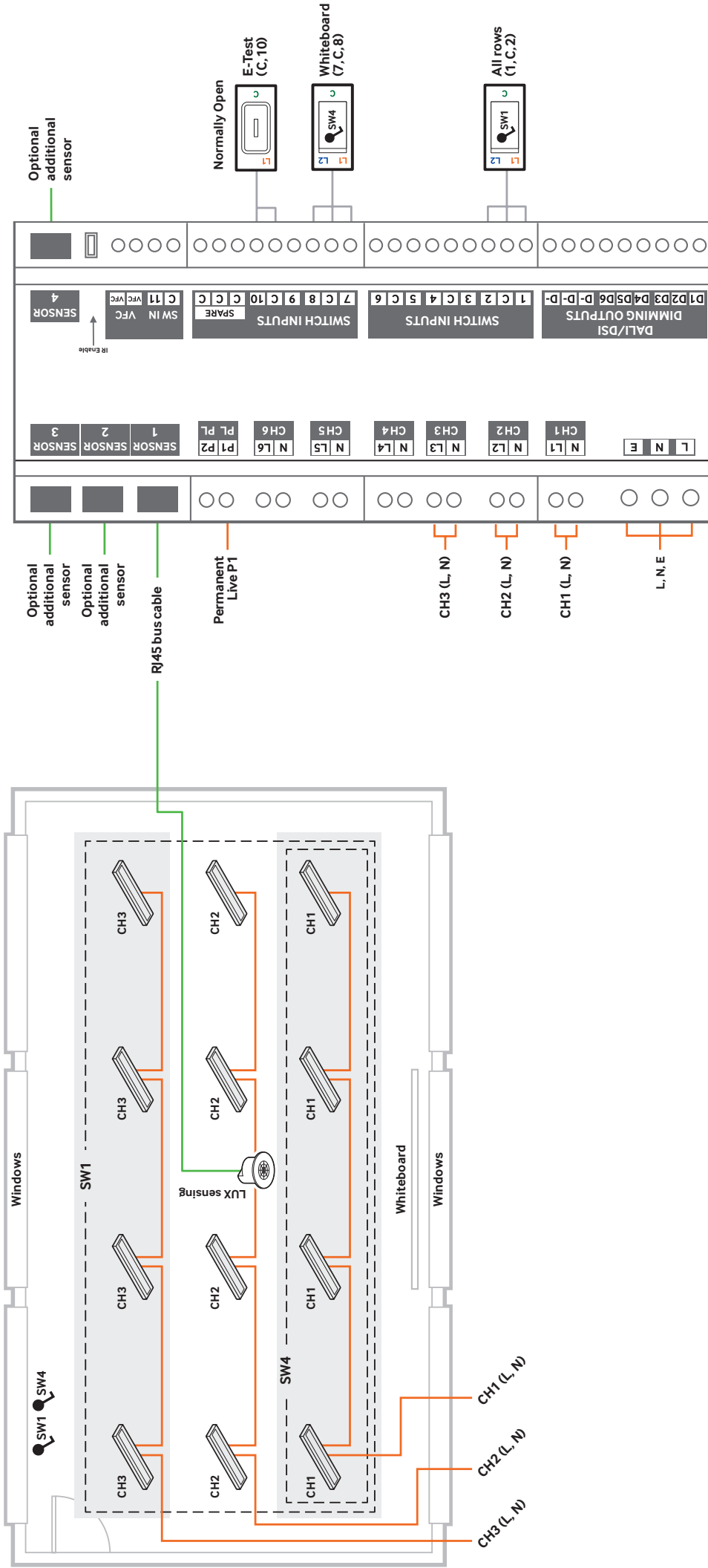


Preset 73

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	N/A	N/A	N/A	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	N/A	N/A	N/A	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	N/A	N/A	N/A	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	NO	NO	YES	NO	NO	NO	N/A	N/A	N/A	N/A

Preset 74

Classroom with 3 rows of luminaires working in absence mode. Daylight (Lux) switching on window rows on opposite sides.

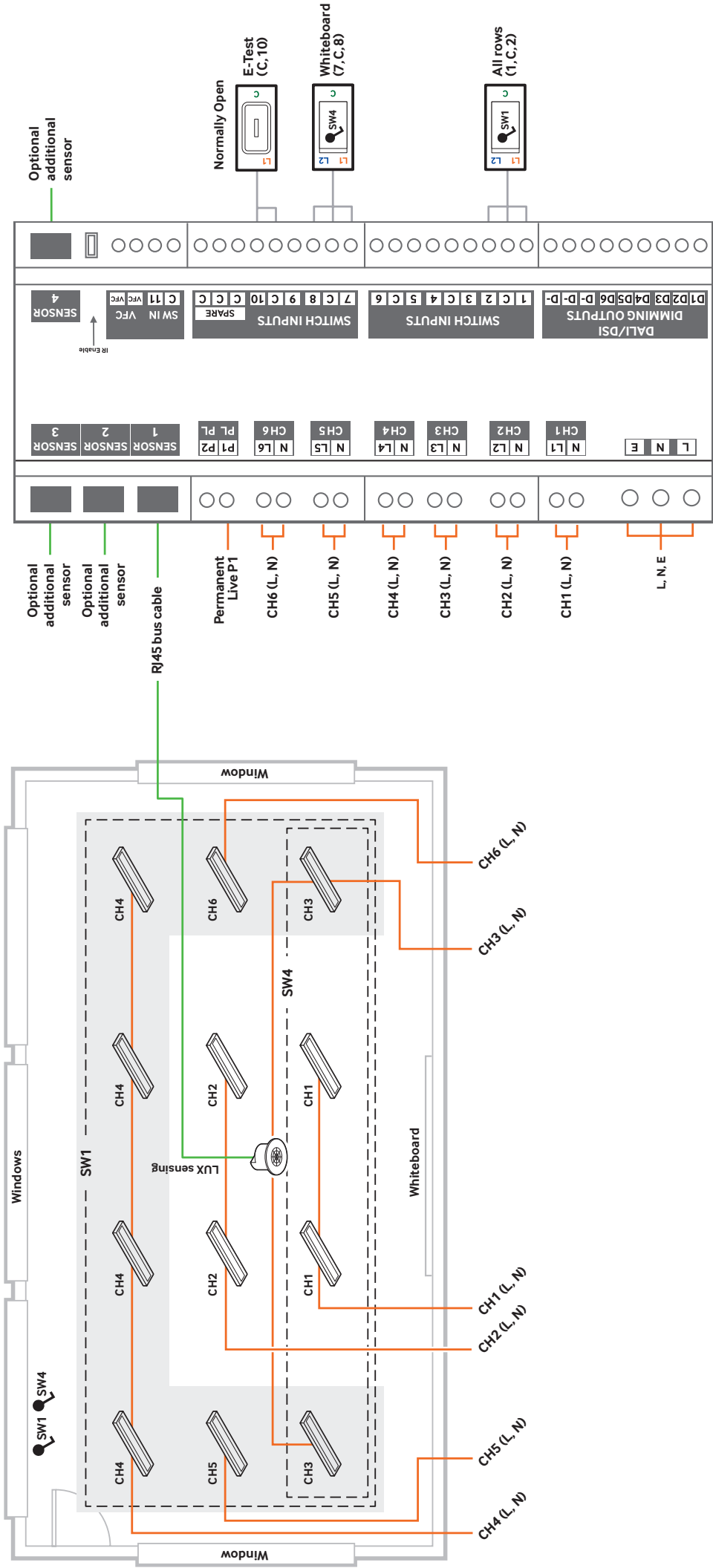


Preset 74

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	N/A	N/A	N/A	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	N/A	N/A	N/A	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	N/A	N/A	N/A	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	NO	YES	NO	NO	NO	N/A	N/A	N/A	N/A

Preset 75

Classroom with 3 rows of luminaires working in absence mode. Whiteboard on channel 1. Daylight (Lux) switching on window row light fittings.

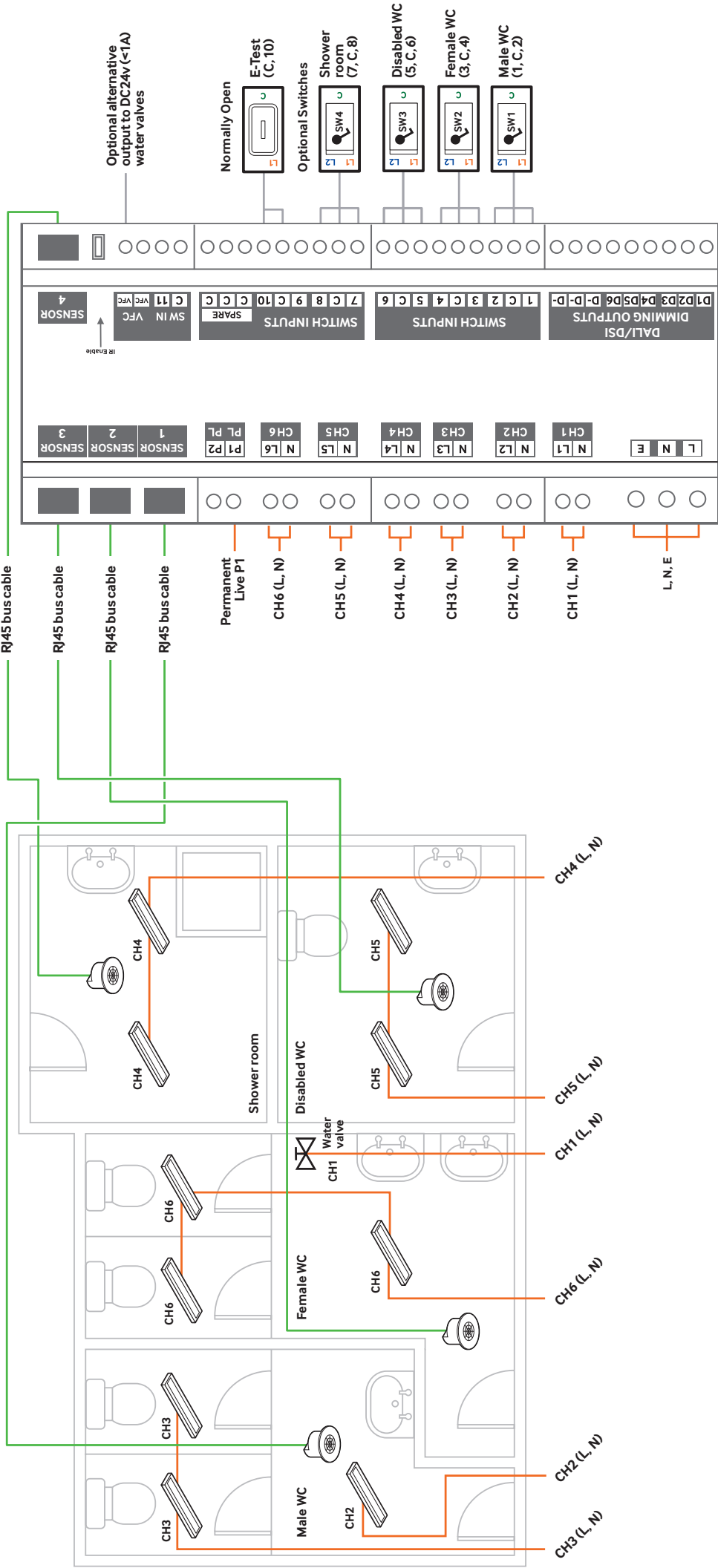


Preset 75

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2 Whiteboard Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	N/A	N/A	N/A	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	NO	NO	YES	YES	YES	YES	N/A	N/A	N/A	N/A

Preset 76

4 areas each controlled individually in presence mode, with the option of additional manual switch control. Channel 1 and VFC outputs respond to all 4 detector inputs. This is for water shut off valve so that if no occupancy is detected the water supply is isolated.

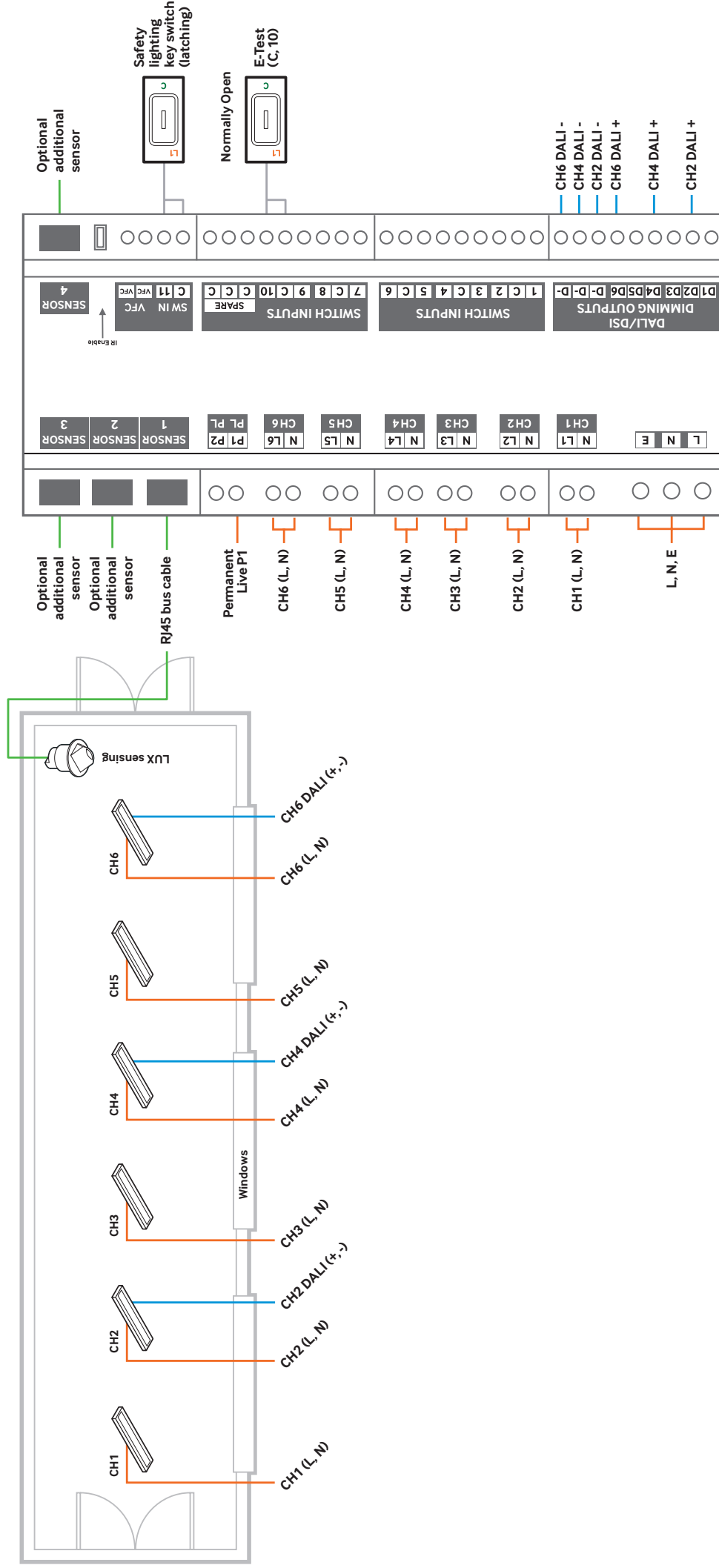


Preset 76

Channels	1	2	3	4	5	6	P1	P2	AII CH1-6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2, Sw 3,C,4, Sw 5,C,6, Sw 7,C,8	Sw 1,C,2	Sw 1,C,2	Sw 7,C,8	Sw 5,C,6	Sw 3,C,4	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1	1	4	3	2	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 77

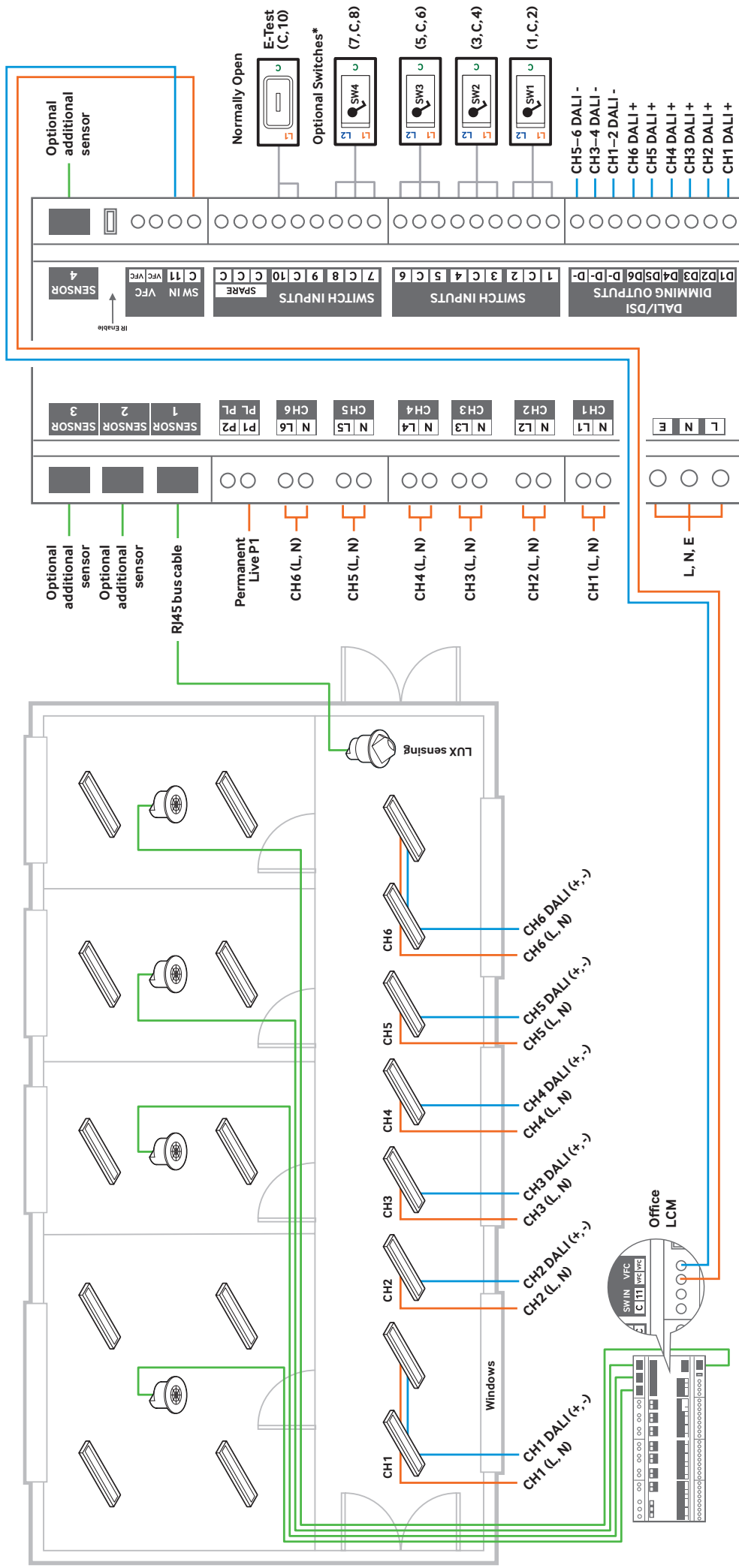
A corridor with 50% permanent ON safety lighting and 50% controlled by occupancy. At times of minimal use, a manual key switch input can be used to switch off the safety lighting to save energy. The use of a key switch prevents inadvertent switch-offs.



Preset 77

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	N/A	Presence	N/A	Presence	N/A	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw C,11 Latching switch	N/A	Sw C,11 Latching switch	N/A	Sw C,11 Latching switch	N/A	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	N/A	1-4	N/A	1-4	N/A	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	20%	N/A	20%	N/A	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Corridor with daylight dimming with corridor hold from any occupied office/room.



*SW1-SW4 perform the same functions

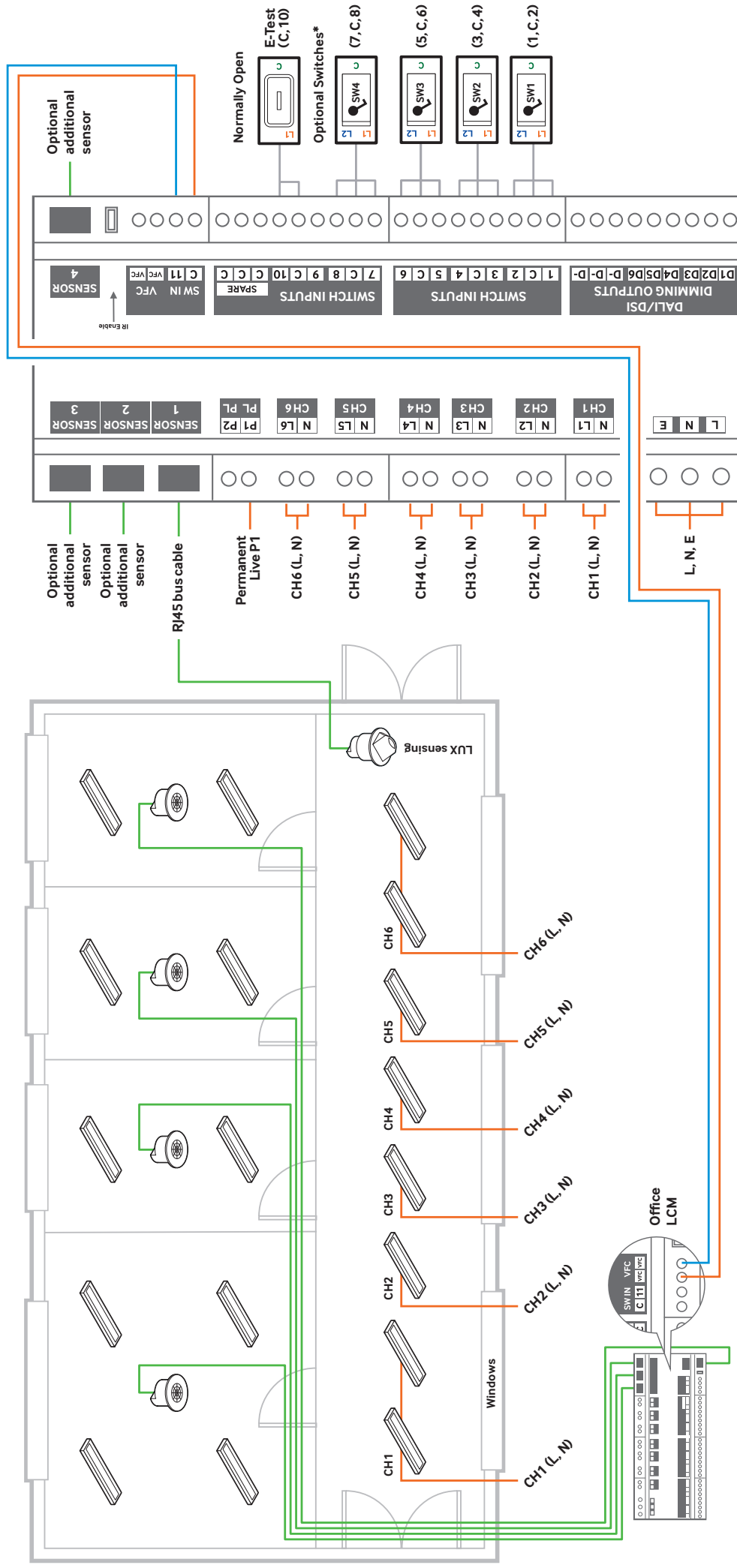
[illegible]

Preset 79

Corridor with daylight switching with corridor hold from any adjacent occupied office/room.

The LCM that is feeding the offices is linked to the LCM in the corridor via the corridor hold connections. If any one of the offices is occupied the corridor lights will remain on.

If there is natural light available in the corridor the local detector connected to the corridor LCM will daylight (Lux) switch the corridor luminaires.

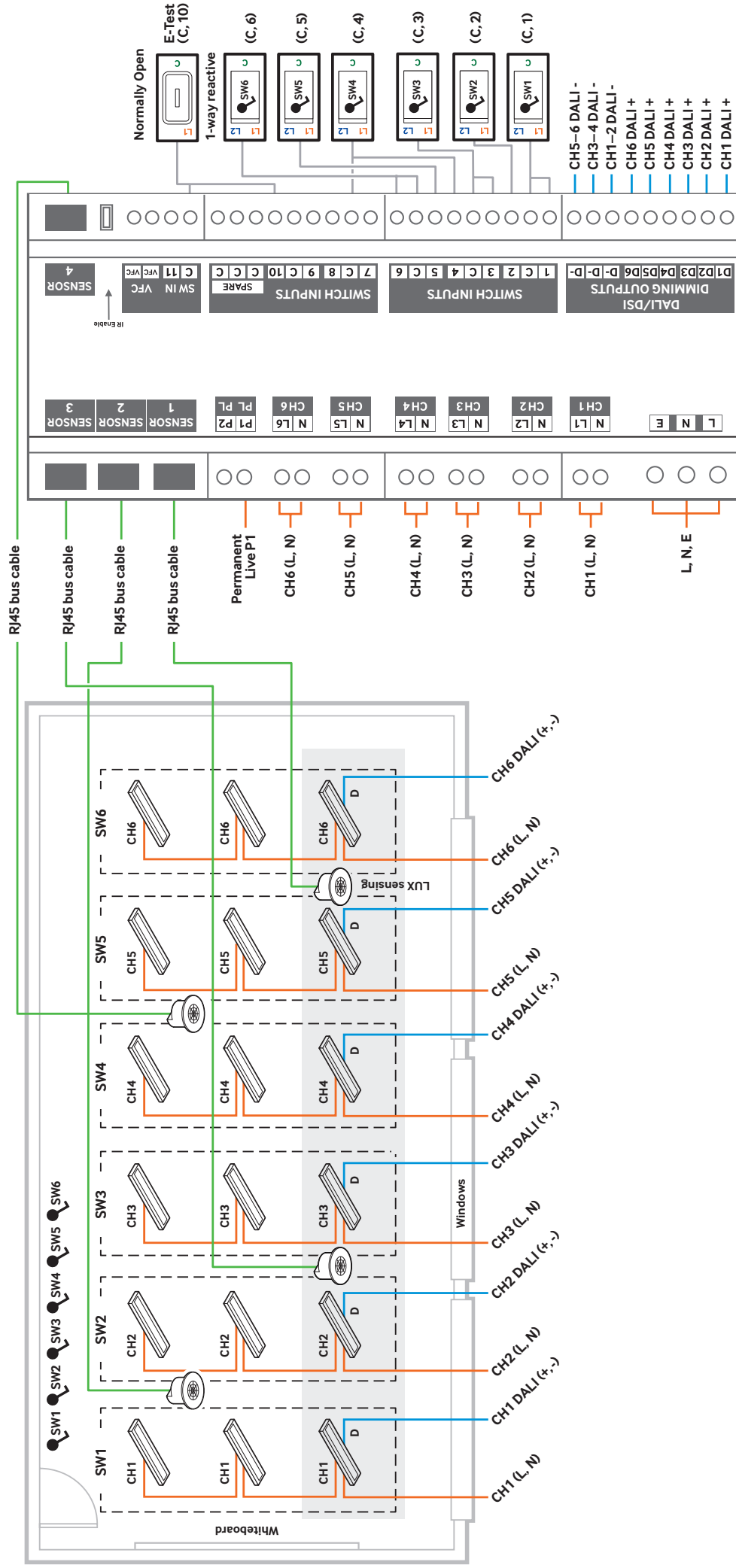


Preset 79

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	YES	YES	YES	YES	YES	YES	N/A	N/A	N/A	N/A

Preset 80

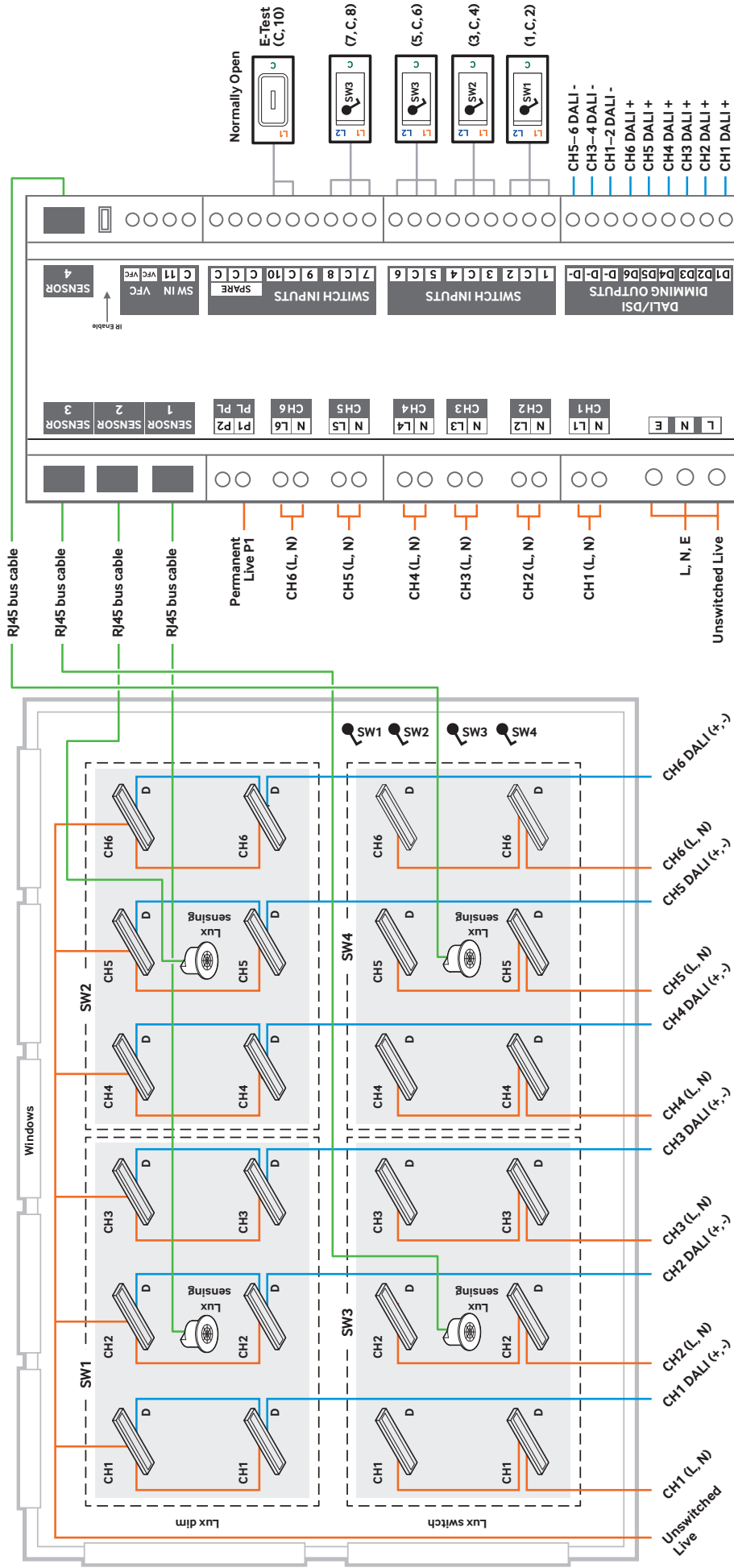
Open plan office with switches operating each column of light but the whole area turns off via the sensors in absence mode as one single group.
Daylight (Lux) dimming on the window luminaires is applied.



Preset 80

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw C.1	Sw C.2	Sw C.3	Sw C.4	Sw C.5	Sw C.6	C.10	C.10	C.11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	20%	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

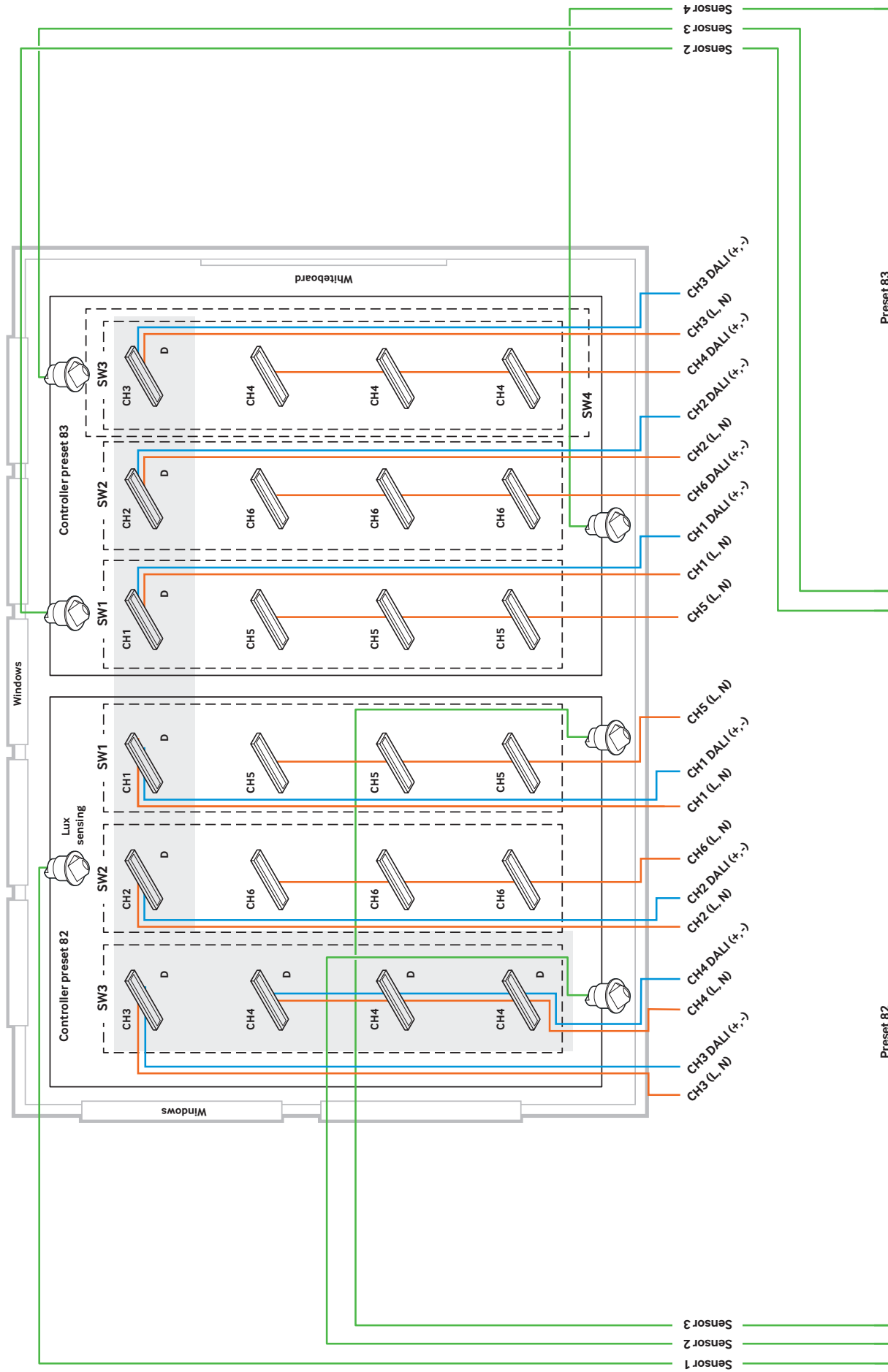
Room with 4 occupancy and switch groups with window dimmable groups daylight (Lux) dimmed and non-dimmable groups daylight (Lux) switched with own light sense readings.

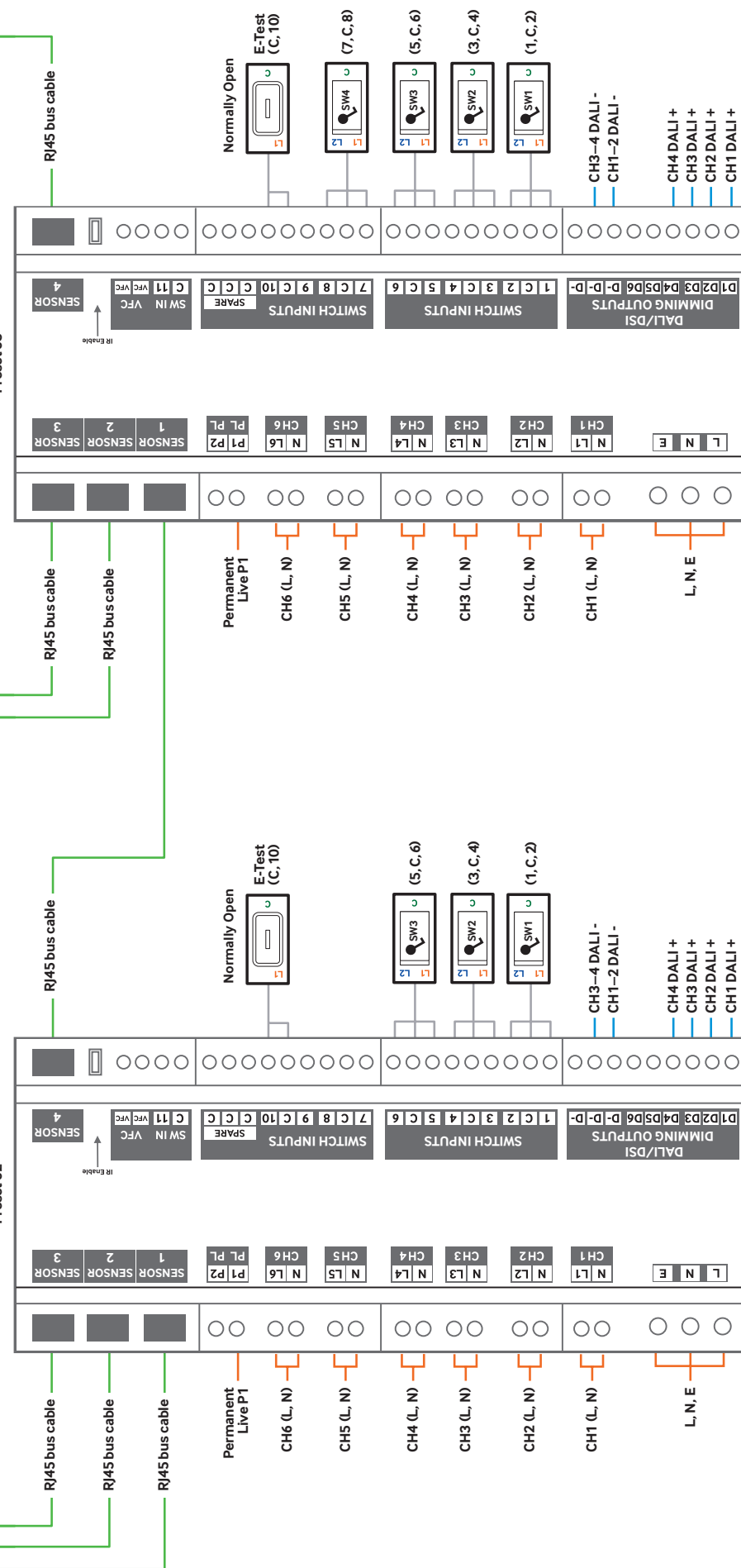


Preset 81

Channels	1 (DALI)	2 (DALI)	3 (DALI)	4 (DALI)	5 (DALI)	6 (DALI)	1 (L,N)	2 (L,N)	3 (L,N)	4 (L,N)	5 (L,N)	6 (L,N)	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1,C,2	Sw 1,C,2	Sw 1,C,2	Sw 3,C,4	Sw 3,C,4	Sw 3,C,4	Sw 5,C,6	Sw 5,C,6	Sw 5,C,6	Sw 7,C,8	Sw 7,C,8	Sw 7,C,8	C,10	C,10	C,11	All relevant inputs
Sensor Inputs	1	1	1	2	2	2	3	3	3	4	4	4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	20%	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES	YES	YES	YES	YES	N/A	N/A	N/A	N/A

A large hall in absence mode as a single group, switched in columns of light with 2 sides of window luminaires daylight (Lux) dimmed using 2 x Vitesse Plus controllers.
Daylight reading is taken from sensor 1 of controller with Preset 82.





Preset 82

Channels

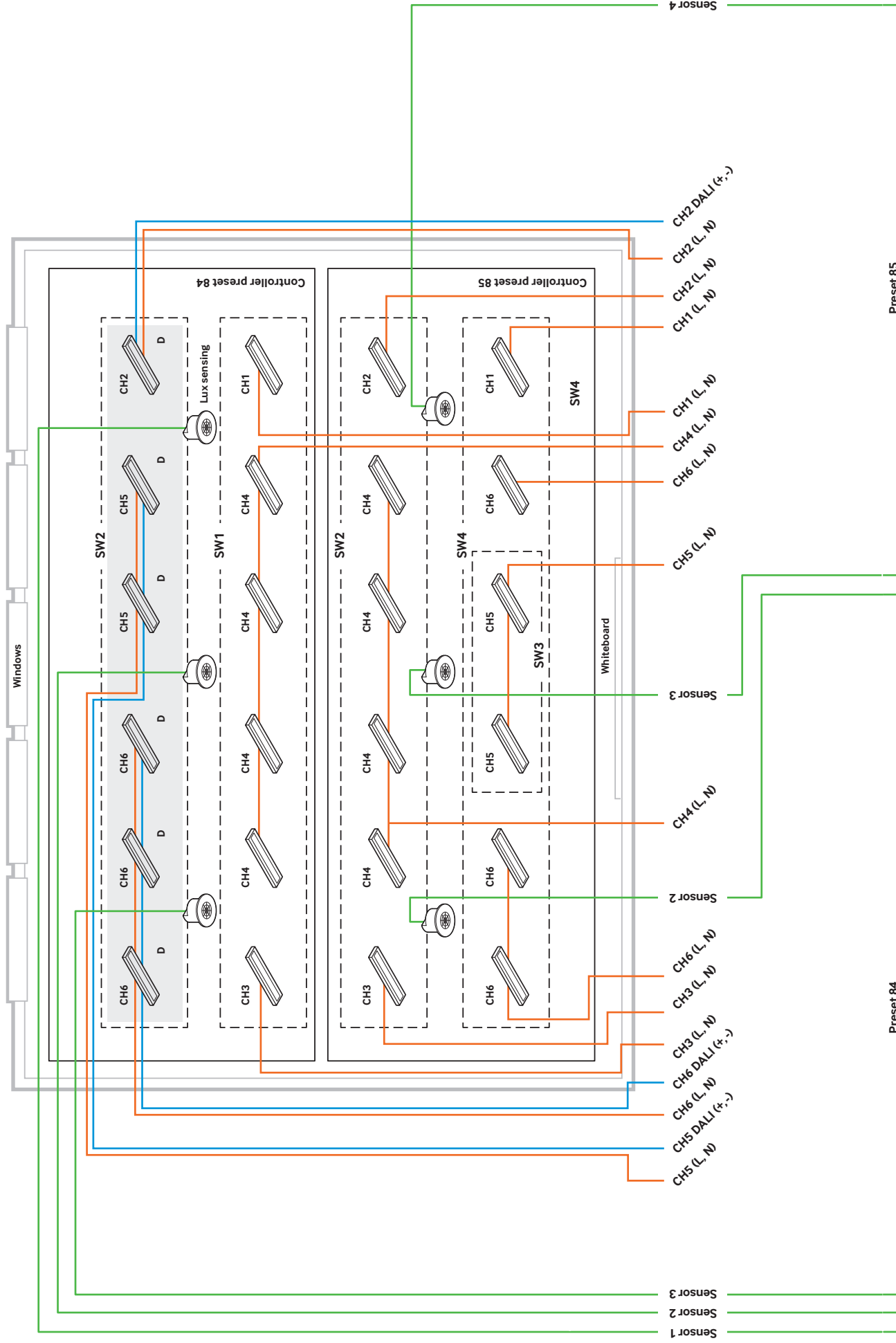
Detection/Switching Mode	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Control Inputs	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Sensor Inputs	Sw 1,C,2	Sw 3,C,4	Sw 5,C,6	Sw 5,C,6	Sw 1,C,2	Sw 3,C,4	C,10	C,10	C,11	All relevant inputs
Lux Dim Level	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Switching	20%	20%	20%	20%	100%	100%	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

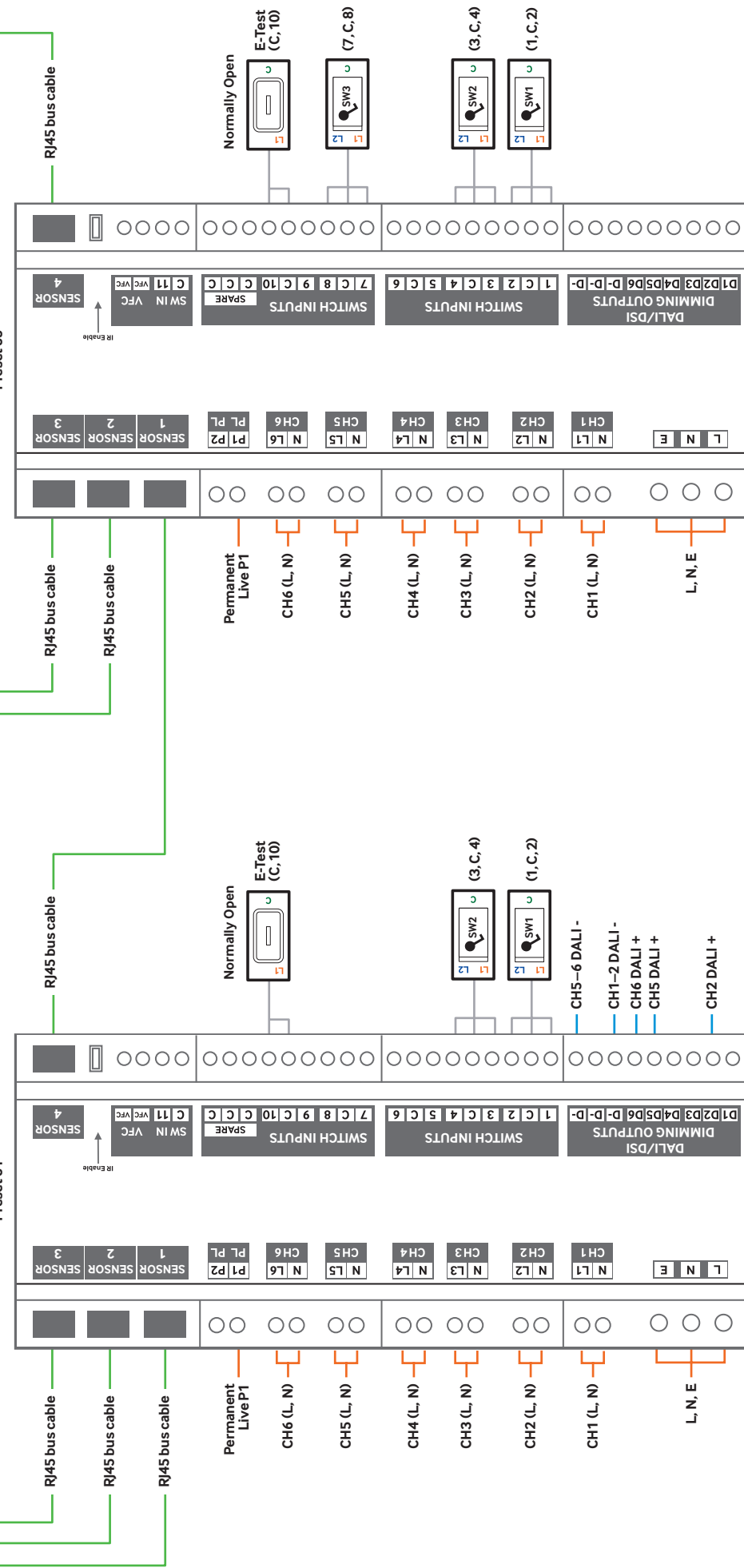
Preset 83

Channels

Detection/Switching Mode	1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Control Inputs	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Sensor Inputs	Sw 1,C,2	Sw 3,C,4	Sw 5,C,6	Sw 5,C,6	Sw 1,C,2	Sw 3,C,4	C,10	C,10	C,11	All relevant inputs
Lux Dim Level	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Switching	20%	20%	20%	100%	100%	100%	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A large hall with a whiteboard in absence mode as a single group, switched in rows of light with window luminaires daylight (Lux) dimmed using 2 x Vitesse Plus controllers.
Daylight reading is taken from sensor 1 of controller with Preset 84. Separate white board switching.

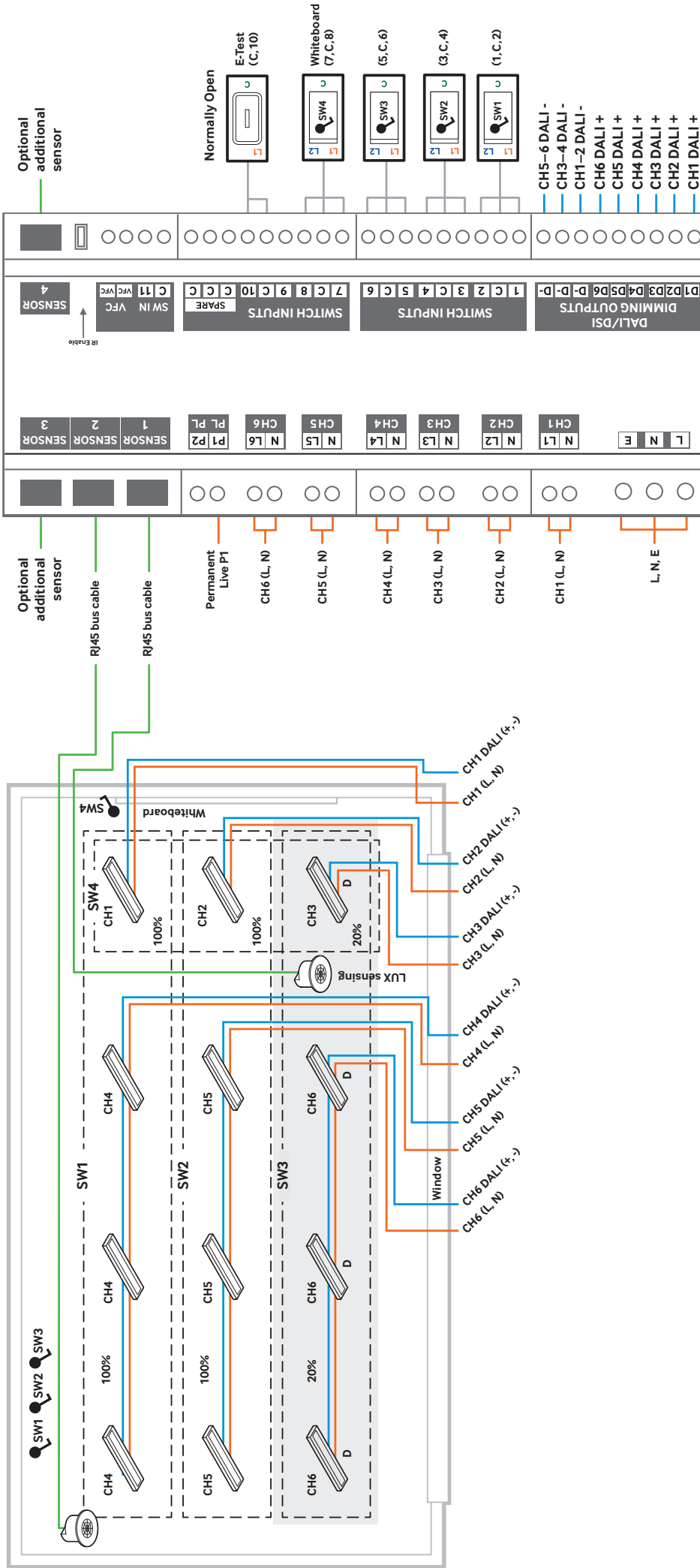




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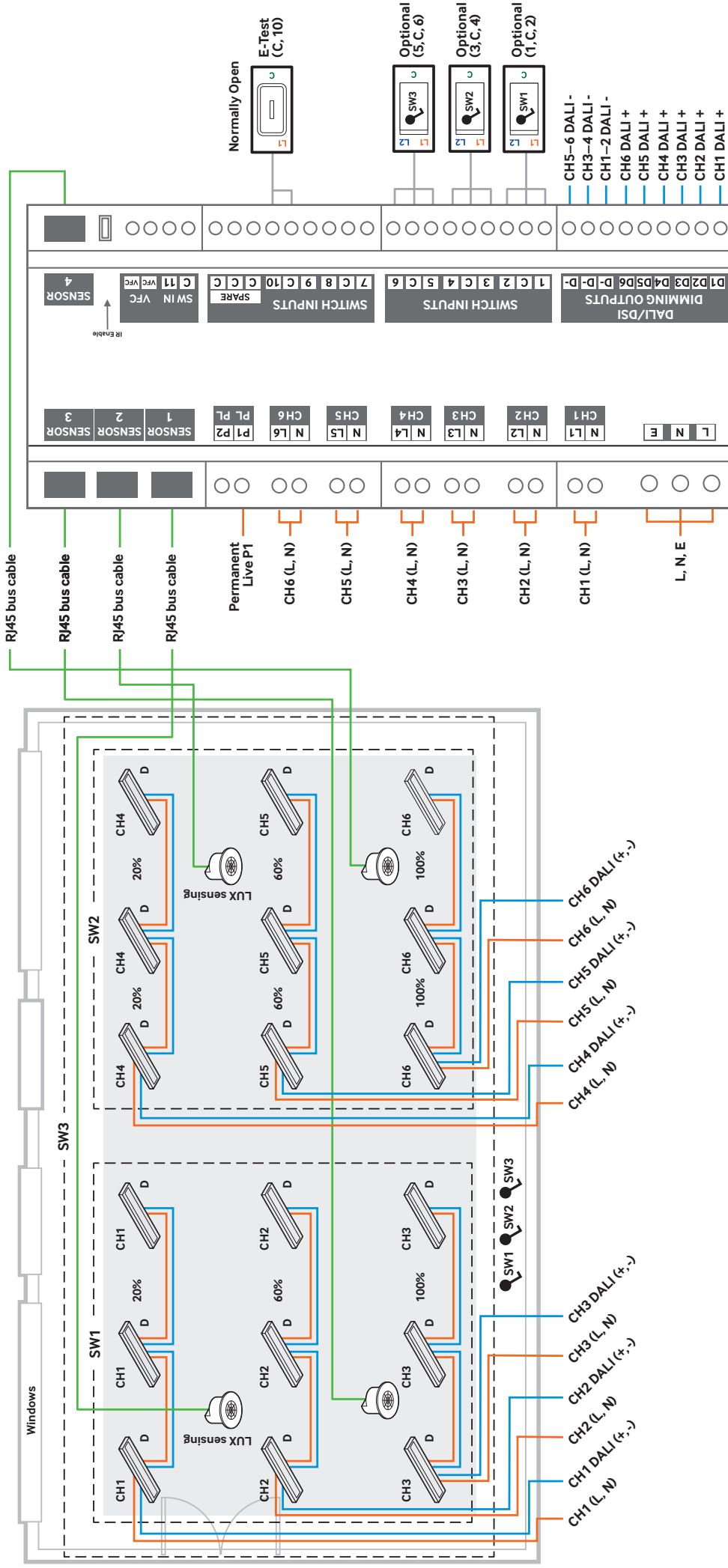
Preset 87

Classroom with 3 rows of lights switched in rows in Absence mode. Whiteboard column is switched across the rows of lights. Daylight dimming on window row only.



Preset 87
(for versions v1.07 or later)

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Absence	Absence	Absence	Absence	Absence	Absence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Whiteboard Sw 7, C, 8	Sw 3, C, 4 Whiteboard Sw 7, C, 8	Sw 5, C, 6 Whiteboard Sw 7, C, 8	Sw 1, C, 2	Sw 3, C, 4	Sw 5, C, 6	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	20%	N/A	N/A	20%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

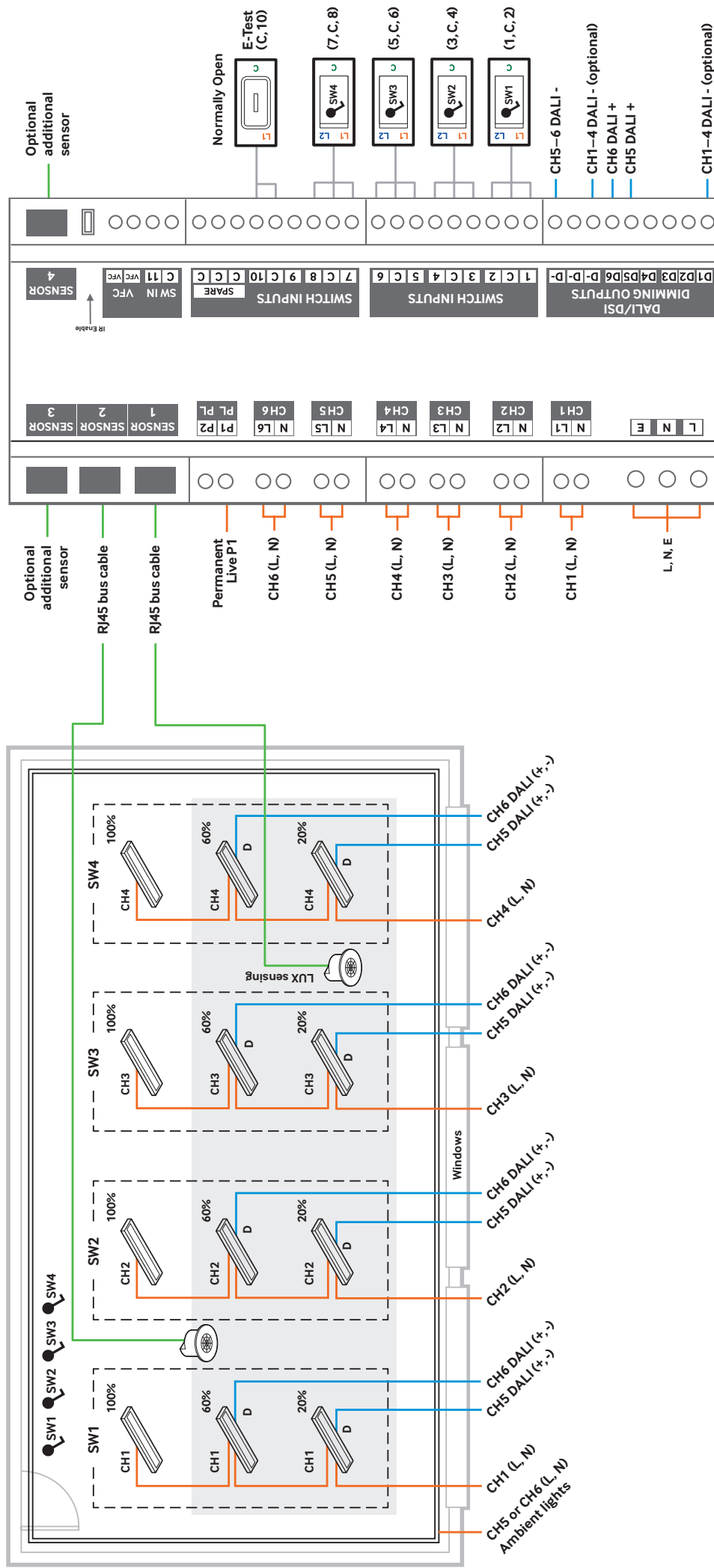


Preset 88
(for versions v1.07 or later)

Channels		1	2	3	4	5	6	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode		Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs		Sw 1,C,2 Sw 5,C,6	Sw 1,C,2 Sw 5,C,6	Sw 1,C,2 Sw 5,C,6	Sw 3,C,4 Sw 5,C,6	Sw 3,C,4 Sw 5,C,6	Sw 3,C,4 Sw 5,C,6	Sw C,10	Sw C,10	C,11	All relevant inputs
Sensor Inputs		1,3	1,3	1,3	2,4	2,4	2,4	N/A	N/A	N/A	1-4
Lux Dim Level		20%	60%	100%	20%	60%	100%	N/A	N/A	N/A	N/A
Lux Switching		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 89

Office with automatic ambient light controlled on presence mode plus 4 columns of luminaires switched separately and daylight (Lux) full graduated dimming in absence mode (Note manual switch dimming is not available).



Preset 89
(for versions v1.07 or later)

Channels	1 (L, N)	2 (L, N)	3 (L, N)	4 (L, N)	5 (L, N)	6 (DALI)	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2	Sw 3, C, 4	Sw 5, C, 6	Sw 7, C, 8	Presence	N/A	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-4	1-4	1-4	1-4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	60%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

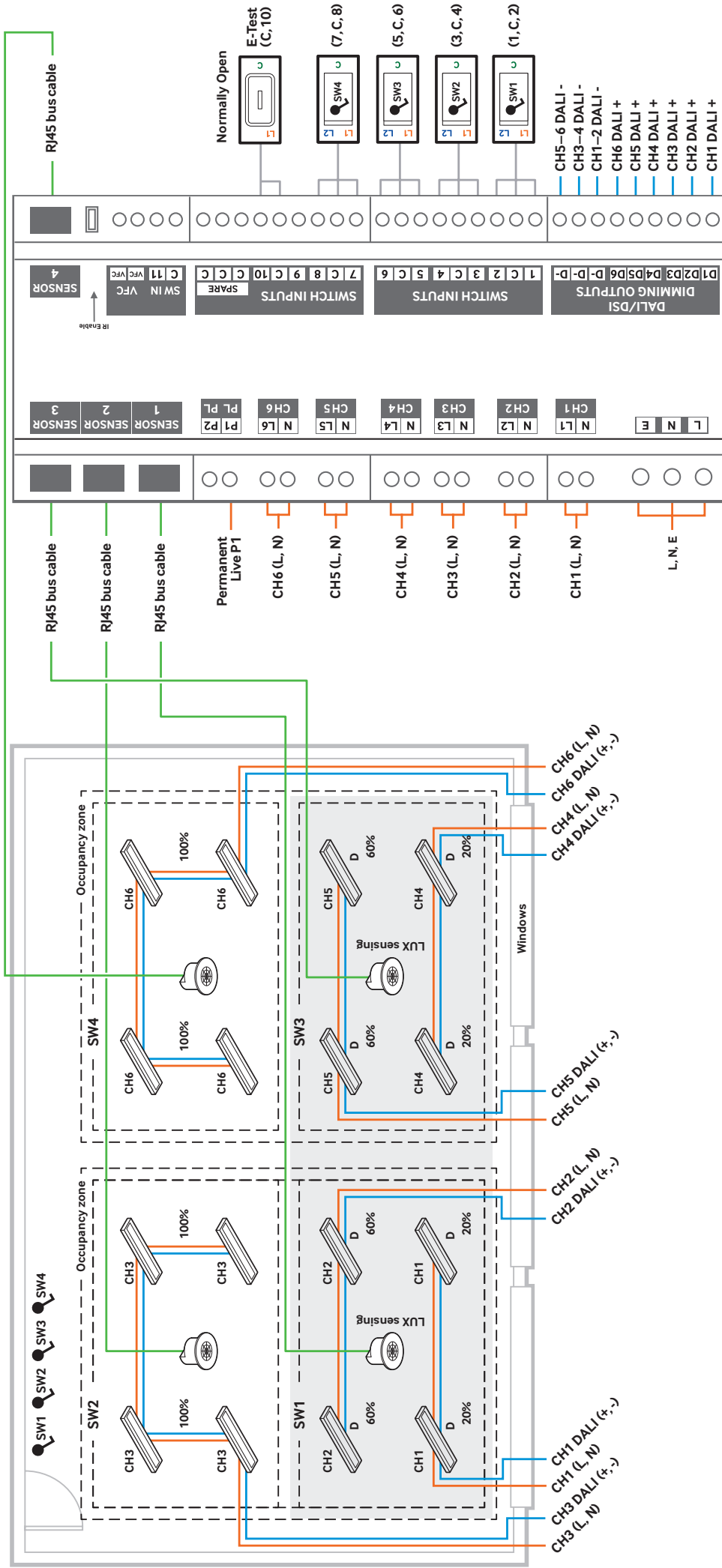
[illegible]

Office with 4 columns of luminaires switched separately and daylight (Lux) graduated dimming in presence mode (Note manual switch dimming is not available).

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Preset 92

Office with 2 occupancy groups switched separately in 4 zones and daylight (Lux) graduated dimmed for the window cells in presence mode
(Note manual switch dimming is not available).

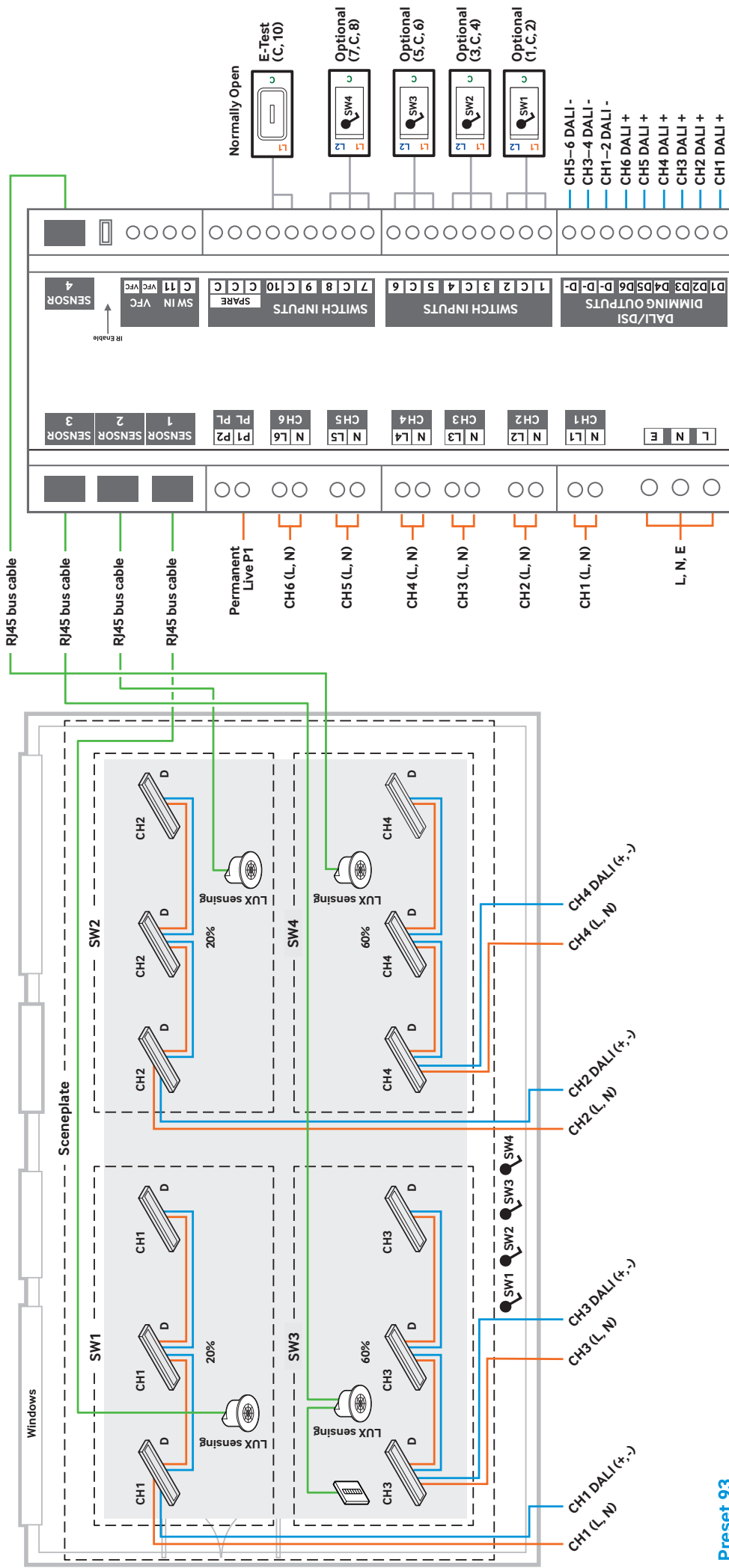


Preset 92 (for versions v1.07 or later)

Channels	1 (L, N)	2 (L, N)	3 (L, N)	4 (L, N)	5 (L, N)	6 (L, N)	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2	Sw 1, C, 2	Sw 3, C, 4	Sw 5, C, 6	Sw 5, C, 6	Sw 7, C, 8	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1, 2	1, 2	1, 2	3, 4	3, 4	3, 4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	60%	100%	20%	60%	100%	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 93

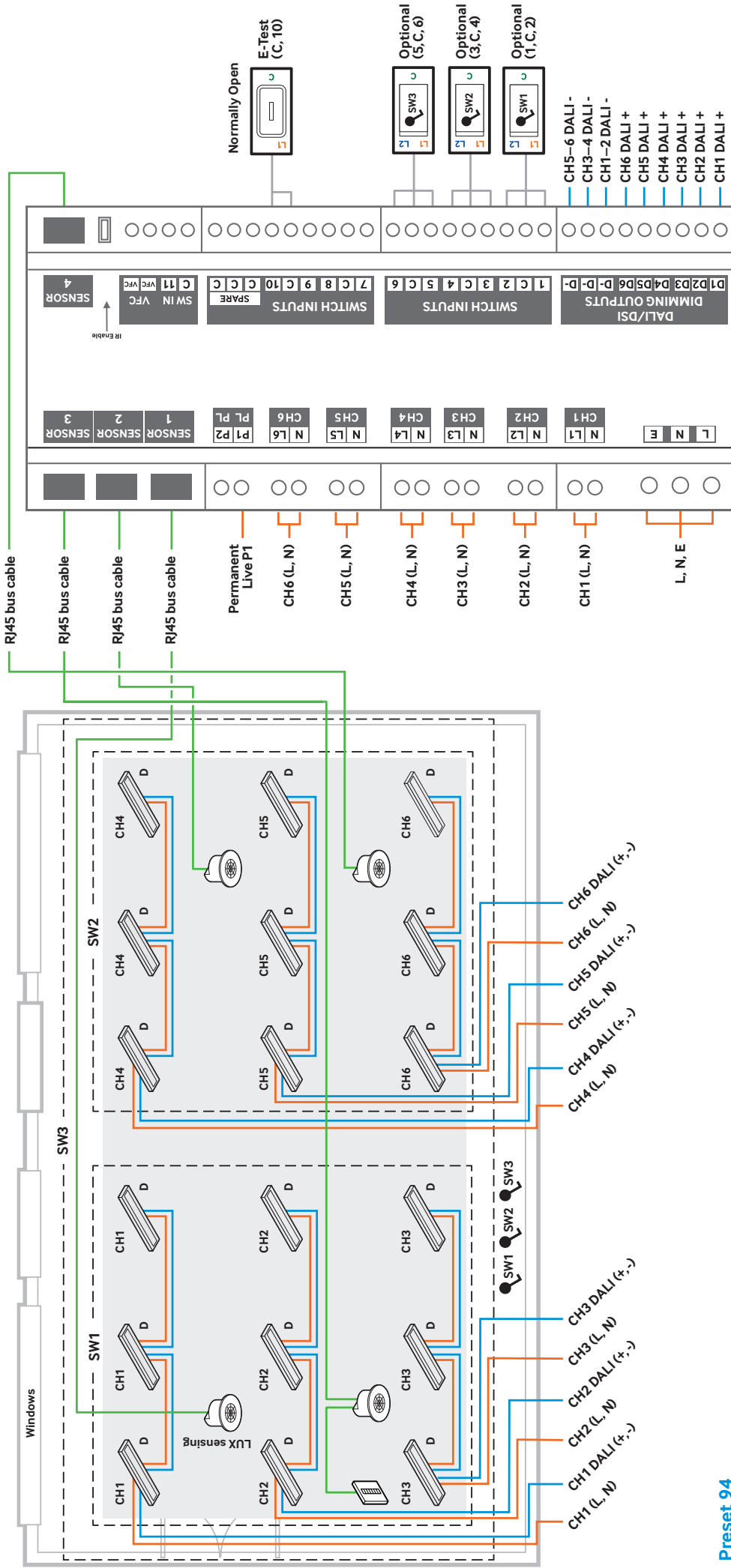
Open plan office working in presence mode as four groups with their own wall switches. Scene control and daylight (Lux) graduated dimming as scene 1, all fittings dimmable. Graduated daylight dimming in scene 1. Optional presence channels 5 and 6.



Preset 93
(for versions v1.07 or later)

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2	Sw 3, C, 4	Sw 5, C, 6	Sw 7, C, 8	N/A	N/A	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1	2	3	4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	20%	60%	60%	100%	100%	N/A	N/A	N/A	N/A
Scene 1 Level	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A

Open plan office working in presence mode as two groups with their own wall switches.
Scene control and daylight (Lux) graduated dimming as scene 1, all fittings dimmable. Graduated daylight dimming in scene 1.

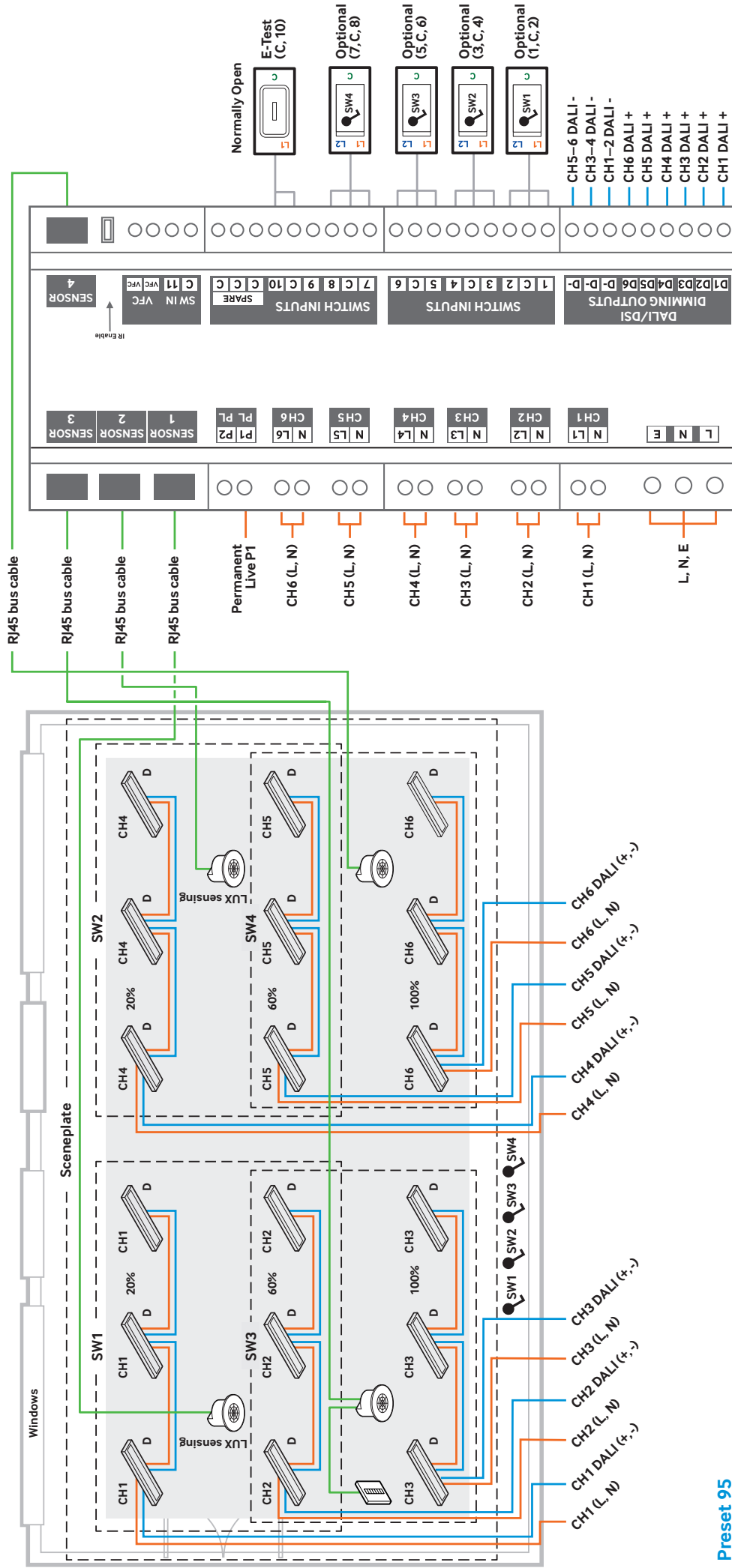


Preset 94
(for versions v1.07 or later)

Channels	1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2 Sw 5, C, 6	Sw 1, C, 2 Sw 5, C, 6	Sw 1, C, 2 Sw 5, C, 6	Sw 3, C, 4 Sw 5, C, 6	Sw 3, C, 4 Sw 5, C, 6	Sw 3, C, 4 Sw 5, C, 6	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1, 3	1, 3	1, 3	2, 4	2, 4	2, 4	N/A	N/A	N/A	1-4
Lux Dim Level	20%	60%	100%	20%	60%	100%	N/A	N/A	N/A	N/A
Scene 1 Level	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A
Scene 2 Level	75%	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A
Scene 3 Level	50%	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A
Scene 4 Level	25%	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A

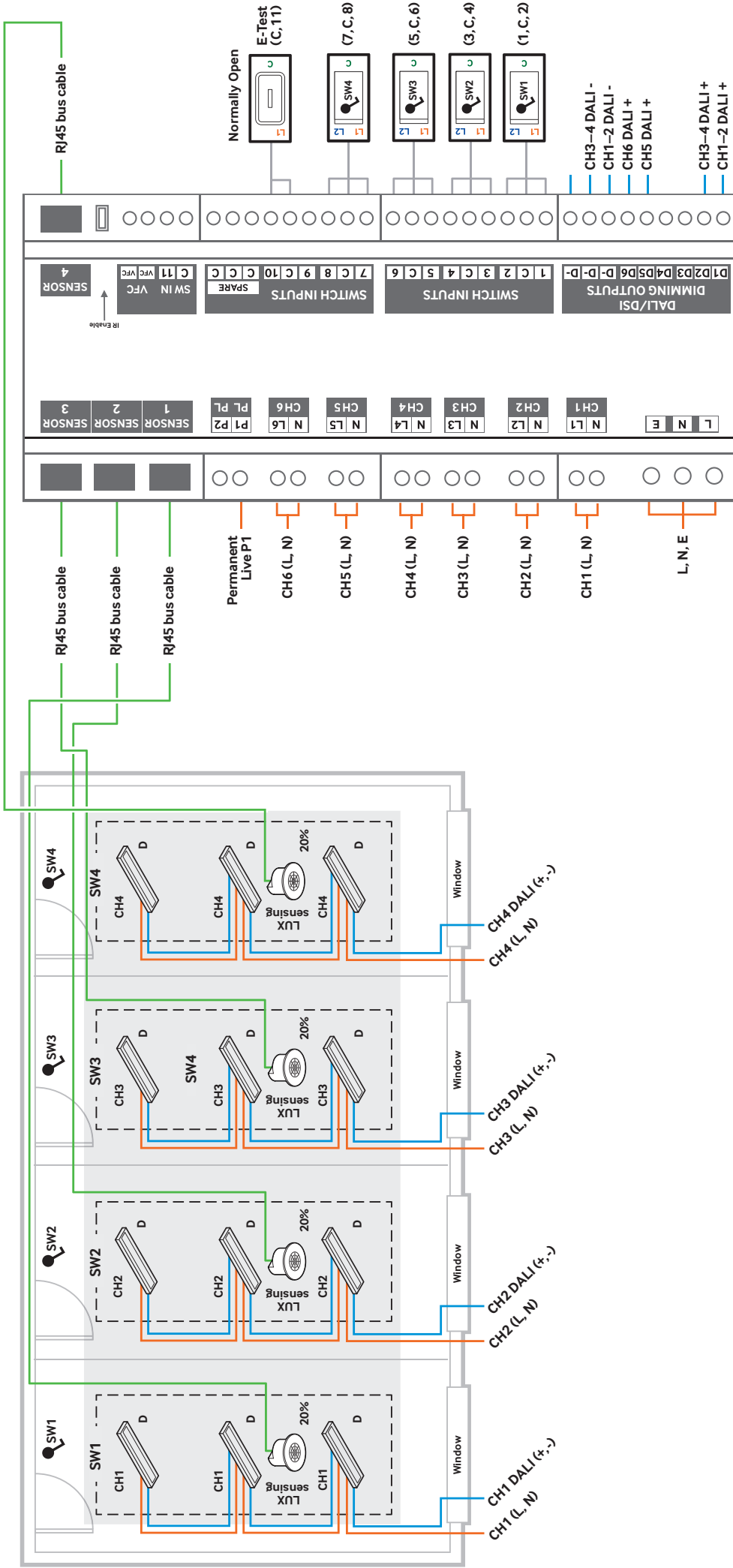
Preset 95

Open plan office working in presence mode as four groups with their own wall switches. Scene control and daylight (Lux) graduated dimming as scene 1, all fittings dimmable. Graduated daylight dimming in scene 1.



Preset 95
(for versions v1.07 or later)

Channels		1	2	3	4	5	6	P1	P2	All CH1-6	VFC output
Detection/Switching Mode		Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs		Sw 1, C, 2	Sw 1, C, 2 Sw 5, C, 6	Sw 5, C, 6	Sw 3, C, 4	Sw 3, C, 4 Sw 7, C, 8	Sw 7, C, 8	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs		1	1, 3	3	2	2, 4	4	N/A	N/A	N/A	1-4
Lux Dim Level		20%	60%	100%	20%	60%	100%	N/A	N/A	N/A	N/A
Scene 1 Level		Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	Lux Dim %	N/A	N/A	N/A	N/A
Scene 2 Level		75%	75%	75%	75%	75%	75%	N/A	N/A	N/A	N/A
Scene 3 Level		50%	50%	50%	50%	50%	50%	N/A	N/A	N/A	N/A
Scene 4 Level		25%	25%	25%	25%	25%	25%	N/A	N/A	N/A	N/A

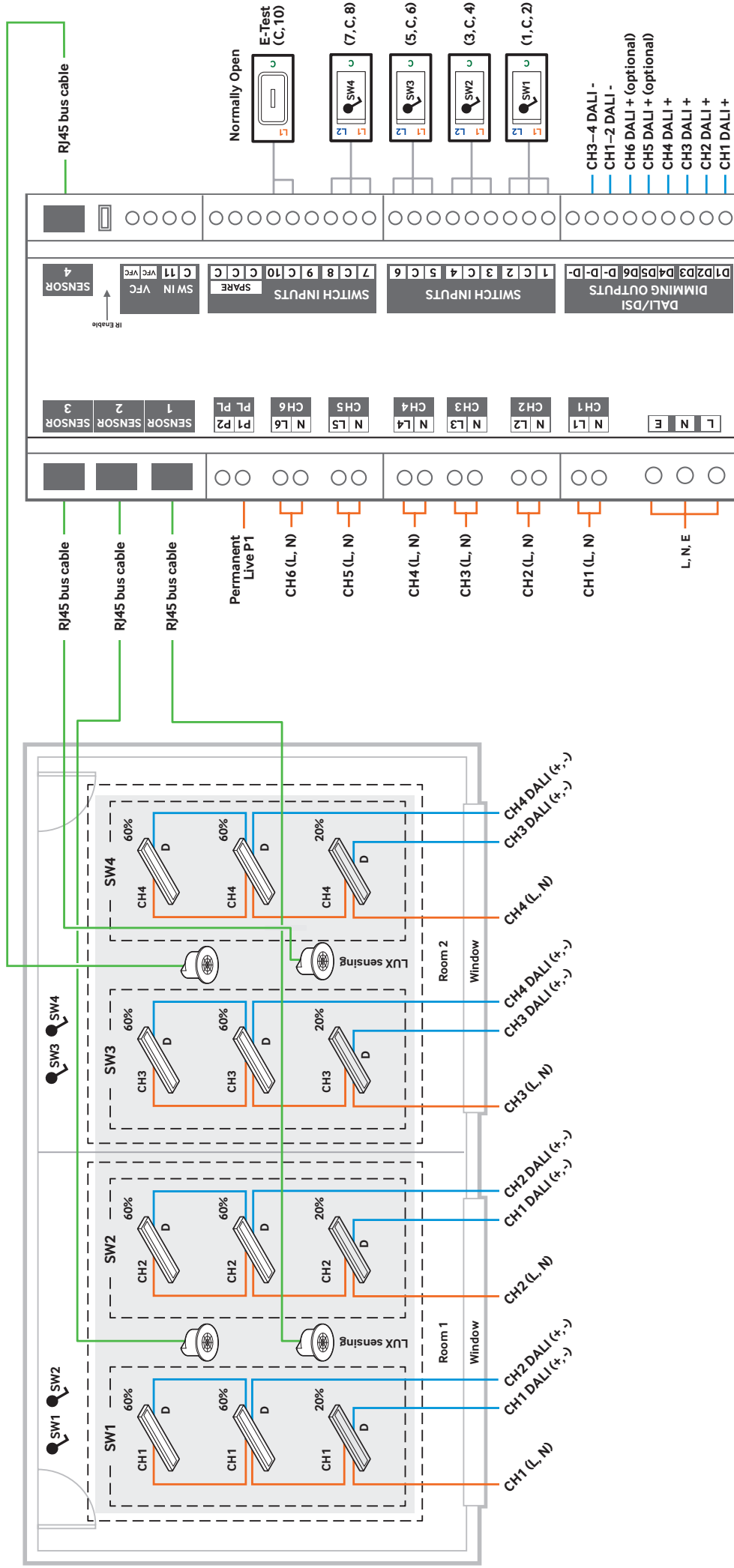


Preset 96
(for versions v1.07 or later)

Channels		1 (L,N)	2 (L,N)	3 (L,N)	4 (L,N)	5 (L,N)	6 (L,N)	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode		Absence	Absence	Absence	Absence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs		Sw 1, C, 2	Sw 3, C, 4	Sw 5, C, 6	Sw 7, C, 8	N/A	N/A	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs		1	2	3	4	1-4	1-4	N/A	N/A	N/A	1-4
Lux Dim Level		20%	20%	20%	20%	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Preset 97

2 office rooms with 2 columns of luminaires each, switched separately and daylight(Lux) graduated dimmed in Presence mode in their room groups
(Note manual switch dimming is not available).



Preset 97 (for versions v1.07 or later)

Channels	1 (L, N)	2 (L, N)	3 (L, N)	4 (L, N)	5 (L, N)	6 (L, N)	1 (DALI)	2 (DALI)	3 (DALI)	4 (DALI)	5 (DALI)	6 (DALI)	P1	P2	All CH1-6	VFC Input
Detection/Switching Mode	Presence (Room 1)	Presence (Room 1)	Presence (Room 2)	Presence (Room 2)	Presence	Presence	Presence	Presence	Presence	Presence	Presence	Presence	EM Test	EM Test	Override ON	Active on Occupancy
Control Inputs	Sw 1, C, 2	Sw 3, C, 4	Sw 5, C, 6	Sw 7, C, 8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	C, 10	C, 10	C, 11	All relevant inputs
Sensor Inputs	1-2	1-2	3-4	3-4	1-2	3-4	1-2	1-2	3-4	3-4	1-2	3-4	N/A	N/A	N/A	1-4
Lux Dim Level	N/A	N/A	N/A	N/A	N/A	N/A	20%	60%	20%	60%	N/A	N/A	N/A	N/A	N/A	N/A
Lux Switching	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Advance Features

Open Port programming

If the LCM is not in the line of sight of the handset, you can send the Preset through a detector if one is connected this is called **Open port programming**.

Select **Vitesse Plus** from the main **PRODUCT FAMILY** menu then press  or the right arrow 

Select **Detector** then press 

Select **Program** then press 

Use the Down arrow  until you reach the **Advanced Config's** menu then press 

The **Open Port** options are **Yes** or **No** and can be toggled between **Yes & No** by using the  &  keys.

Select **Open port Yes**

Point the handset directly at the detector

Then press  the detector's LED will flash to show it has received the command and then stays solid red.

This indicates the port is open and is ready to forward settings to the LCM.

Next use the Down  arrow one click, the next line will say **Output ID** make sure the value is set to **100**

Point the handset directly at the device and press  the detector's LED will flash to show it has received the command.

The Port is now **Open** and the sending of the Preset can be done through the Detector as if you had line of sight to the LCM.

When the LCM receives the Preset it will go through its programming cycle it will reset itself so there is no need cancel the **Open port** mode.

Should you wish to cancel the Open port mode because a Preset was not sent and the LCM did not go through its programming cycle.

Navigate you way to the **Advanced Configs** Menu.

Select **Open port No** point the handset directly at the detector.

Then press  the detector's red LED will now turn off, this indicates the port is now closed.

How To Program An LCM With A Preset Configuration Using The IR Enable Button

When multiple units of VITP7 controllers are installed next to each other in close proximity, for example when the DIN rail versions are installed within the customer's own enclosure, it is possible to inadvertently programme via the infra-red signal to adjacent units as well as the intended unit. To avoid this from happening it is possible to enable only the intended controller by pressing the IR enable button of the intended unit so that only that unit will be enabled for programming.

The UNLCDHS handset is used to send the required Preset configuration to the LCM.

Select **Vitesse Plus** from the main **PRODUCT FAMILY** menu and press  or the right arrow 

Select **LCM** then press 

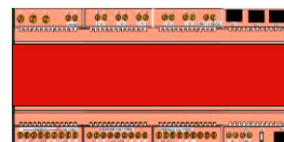
Select **Program** then press 

Select **Preset** and type in the number of the configuration required (Preset number).

Press the IR unlock button on the bottom right hand side of the LCM

Point the handset directly at the device and press 

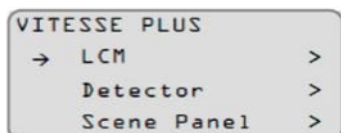
The LCM will go through a boot up sequence and will flash an LED until the process is finished.



WARNING!

Operation under live connection! This section to be performed by electrically competent person only!

Scene Plate Programming



Under the **VITESSE PLUS** menu of the UNLCDHS handset, select **SCENE PANEL**.

Circuit Number:

1-99 (enter digits to overwrite)

Fade Sec:

YES/NO (Enable to YES via  or disable to NO by  key)

Fade Time:

1-99 sec (enter digits to overwrite)

All Channels Override ON – example: for response to Fire Alarm

In most of the Preset programmes, there is an output function marked in table OVERIIDE ON which turns ON all the channels to 100% in response to the designated input whilst it is active.

When this input is connected to a volt-free contact output of a fire alarm system, this can be used as safety feature to bring ON all the lights in aid to provide a safe exit out of a building in case of a fire.

Alternatively, this can be used simply as a test feature to turn ON all the outputs lights to check that they are functional.

Volt-free Contact VFC output – example: for corridor link

A corridor linking function can be created using this output from Preset programmes offering this feature which is detailed within the control table of the schematic diagram. The occupancy status of the area under control the unit is interpreted based on the combined status from all the sensors and switches working together. For example, an override from a switch with the intention of holding the lights ON will considered as an occupied status for that area. From this interpretation, this status signal can therefore be used to activate further Vitesse Plus controllers or any 3rd party controllers accepting volt-free contact interface which may be controlling the lighting to exit routes further away in the building.

Trained Professional Section

This section is to be followed only by trained professionals with competence not necessarily covered by this manual. You are advised against acting on any of the details provided in this section if there is any doubt or lack of understanding in its contents.

Damage caused by actions based on the information in this section is NOT covered by the product warranty. If in doubt, we strongly advise you refer to a trained professional before any attempt to take any action based on any information in this section.



WARNING!

Operation under live connection! This section to be performed by electrically competent person only!

Replacing Damaged Controller With Another – Memory Board Re-Use

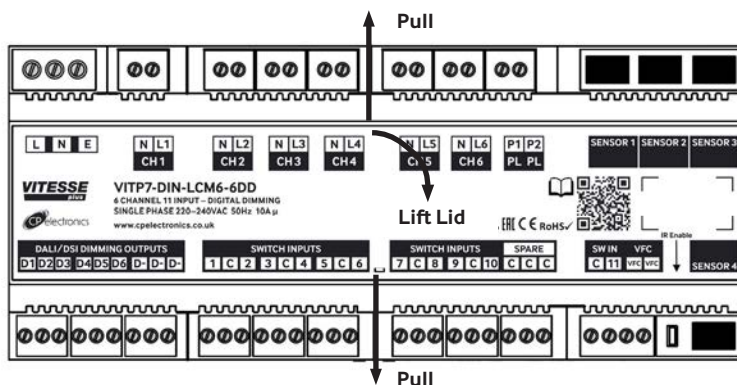
In the unfortunate scenario where the VITP7 DIN mount controller is damaged and require replacement, the removeable terminal block and memory board feature makes it possible to replace as a like-for-like replacement without any re-configuration programming. All configurations previously programmed can be re-used by simply re-using the existing memory board.

Step 1: Remove Power from the unit.

Step 2: Unplug the terminals from the damaged VITP7 DIN controller and remove it from the DIN rail.

Step 3: Install the replacement VITP7 DIN controller in its place and plug back in the terminals. Check the plugs all match up in colour and labelling in the appropriate places.

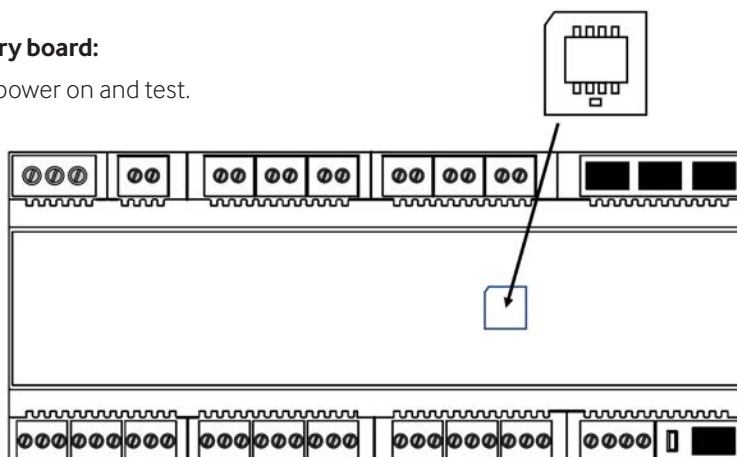
Step 4: Open carefully the top lid of damaged VITP7 DIN controller to access the memory board. Pull it out from its socket carefully without bending any of the pins.

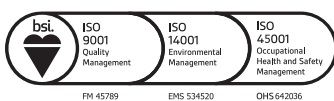


Step 5: Open carefully the top lid of the replacement VITP7 DIN controller to access the memory board. Remove this memory board carefully and replace it with the previously programmed memory board.

Orientation of the memory board:

Step 6: Replace lid and power on and test.





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A brand of  **legrand**

WDA004 Issue 1.6 Vitesse Plus 7 Hardwired Lighting Control System Manual. Designs and specifications are subject to change without notice.