



Nike, Hilversum - The Netherlands

webref. SC015A

CONTROL-it

Local

Control units collect the necessary information through sensors and convert this information into the appropriate control signals for the lighting luminaires in the room(s) in question. Particularly suitable for rooms where you want to customise the lighting due to changes in 'local' conditions.

Extensive configuration options

Energy-saving

Can be combined with ELS

Plug & Play

Installation

ETAP delivers the CONTROL-it system completely prepared and finished with all sensors and accessories. Installation is very quick and simple.

ETAP luminaires can be fitted with a Wieland GST18 plug and bus or can be equipped with flex and plug.

ETAP control units have plug connections for:

Mains voltage and through wiring

4 luminaires per control unit

Sensors, dimmers or push-buttons

The control units automatically detect the connected sensors and adjust their function.

Maximum configuration control unit

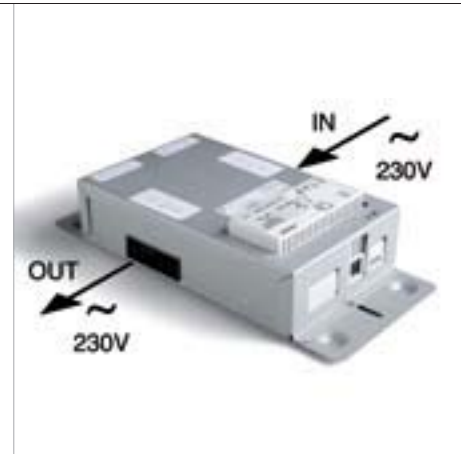
| Outputs | | Max. load | |
|-----------------------|--------|-----------------|---------------------------------|
| Switching power | | 5 A / 1150 VA | All types of load |
| Control output 1-10V | ECC002 | 25 mA | Max. 150 ballasts or 50 dimmers |
| Available for sensors | | 9 mA / 5 V DC | |
| | | 50 mA / 12 V DC | |
| Mains voltage | | 16 A | |

| Inputs | Max. number | Power used | Max. cable length |
|--------------------------------|-------------|-----------------|-------------------|
| Sensors | | | |
| IR receiver remote control | 3x | 3 mA / 5 V DC | 30 m |
| Movement sensor | 5x | 10 mA / 12 V DC | 30 m |
| Light sensor | 1x | 10 mA / 12 V DC | 30 m |
| Manual controls | | | |
| Potentiometer | 1x | | 30 m |
| Push-button | unlimited | | 125 m |
| Push-button interface | 6x | 5 mA / 12 V DC | 30 m |
| Sensor entrance looping | | | |
| To 1 or 2 control units | | | 125 m |
| To 3 or 4 control units | | | 100 m |
| To max. 5 control units | | | 85 m |

Order

Together with your ETAP adviser you determine the various requirements (daylight dependent control, ELS, occupancy detection, remote control, etc.). Based on this information ETAP works out the best solution and presents a proposal with a detailed component list.

After consultation and confirmation the CONTROL-it system is completely pre-configured.




webref. SC027A2

Control unit












CONTROL-it

System components

Control units

| | order code |
|--|------------|
|  — Switching output | ECC001-3 |
| — Switching and dim output | ECC002-3 |











Sensors and manual control

| | order code |
|---|------------|
| Remote control | |
|  — IR receiver | ECR007 |
|  — Wall transmitter | ECT004 |
|  — Office transmitter | ECT005 |
| Push-button control | |
|  — Push-button interface | ECB100 |
|  — Push-button control (2 commands) | ECB003 |
|  — Push-button control (4 commands) | ECB004 |
| Potentiometers | |
|  — Recessed | ECB010 |
|  — Surface-mounted | ECB011 |
| Movement sensors | |
|  — Ceiling mounting | ECR001 |
|  — Wall mounting corridor | ECR002 |
| Multisensor | |
|  — Movement sensor, remote control receiver and light sensor | ECR006 |

Luminaires

All ETAP luminaires can be equipped with a flex and plug (GST18 Wieland type) for direct connection to the control units.

Accessories

| | order code |
|---|---------------|
| For sensors (low voltage) | |
|  — T-piece 1 x plug / 3 x bus | ECA001 |
|  — Sensor cable 1 metre 2 x plug | ECA002/100 |
| Sensor cable 5 metre 2 x plug | ECA002/500 |
|  — Sensor extension cable 5 metres 1 x plug / 1 x bus | ECA003/500 |
| Sensor extension cable 20 metres 1 x plug / 1 x bus | ECA003/201 |
| Flex for multiple control units on a push-button interface | ECA004/500 |
|  — 10 pole flex for push-button interface (5 metres) | ECA005/500-10 |
| 10 pole flex for push-button interface (20 metres) | ECA005/201-10 |
| For 230 V connections | |
|  — 2 metre flex 3 x 1,5 mm ² with CEE7 mains plug and GST18 bus | ECS001/200-3 |
| 3 metre extension cable 3 x 1,5 mm ² with GST18 plug and GST18 bus | ECS002/300-3 |
| 3 metre flex 5 x 1,5 mm ² with GST18 plug and GST18 bus (blue) | ECS003/300-5 |
|  — 3 pole connector (for the first control unit from the distribution box) | ECS004-3 |
|  — T-piece 3 pole 1 x in / 2 x out | ECS101-3 |
|  — 3 pole junction box 1 x in / 3 x out | ECS102-3 |
|  — 3 pole junction box 1 x in / 5 x out | ECS103-3 |
|  — T-piece 5 pole 1 x in / 2 x out (blue) | ECS104-5 |

902. Control-unit

