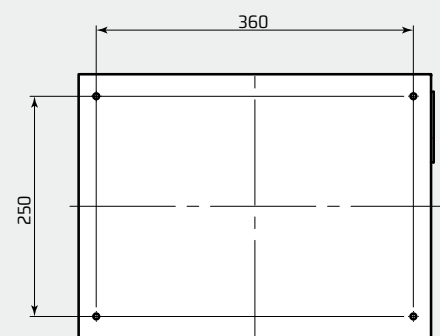
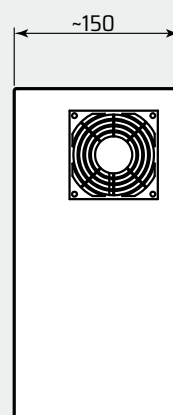
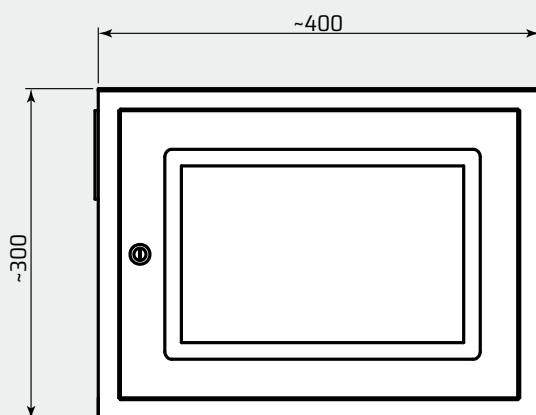


# H-312 CONTROL UNIT



The **H-312 Control Unit** is a simplest solution of the CENTRALTEST system which allows to monitor up to 7936 luminaires and operation by means of a touch screen.

Its main purpose is to supervise and control the efficiency of all system components.



## FEATURES

- Monitoring of CT luminaires and supplied centrally HVCBS and LVDBS systems
- Visualisation of installations and localisation of appliances
- Control unit is serviced by means of a large touch screen or remotely through the Internet browser
- Handling CT and CT- BUS, CT-LOOP basic communication technologies which allow to install up to 7 expanders on the route from the control unit to the luminaire
- New transmission method - new author 's communication protocol based on MAC addresses allocated during manufacturing what eliminates the need for manual numbering
- New addressing method - apart from MAC address, each appliance in the network has a linear logic address (1-65535) and physical address representing the physical route from the main unit to the appliance
- Advanced communication with BMS and SSP systems
- Dynamic luminaires handling - they indicate an evacuation direction depending on the hazard location

## TECHNICAL DATA

Supply voltage	230V AC 50/60Hz
Power consumption	52 - 153W
Protection class	I
Ingress protection	IP 20
Battery	VRLA 12V 2,2Ah (1h); 5Ah (2h); 7,2Ah (3h)
Interfaces	1x Ethernet, 1x USB 2.0
Screen	10,1", touch capacitive

Processor	Intel 2x1,46 GHz
RAM memory	4GB
Operating system	Microsoft Windows 10
Output lines	2, 4 or 6
Inputs	WET type, none, 8, 16 or 24
Weight	10 - 15kg

## MATERIAL

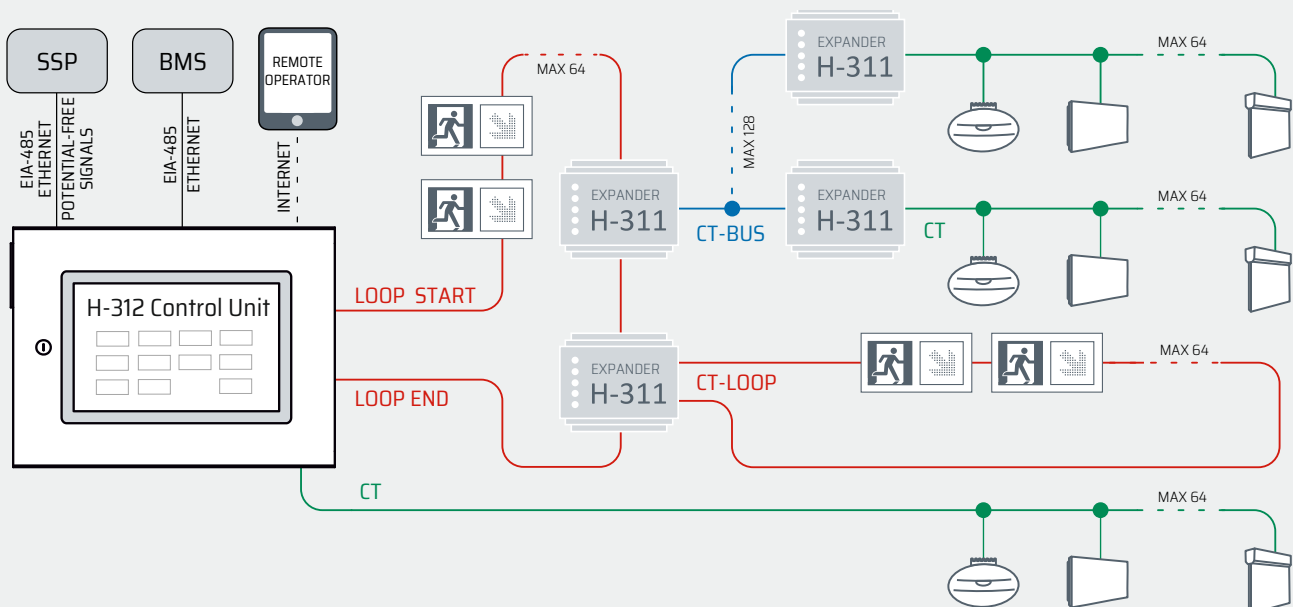
Housing material - steel

Housing colour - ○ RAL 9003

## APPLICATION

The most extended solution, intended for communication, supervision of correct operation and control of lighting luminaires.

## NETWORK TOPOLOGY



## ORDERING

**H-312 0000 - L4 - I08 - 1h**

Number of output lines:

**L2** - two output lines

**L4** - four output lines

**L6** - six output lines

Number of potential-free inputs:

**I08** - 8 potential-free inputs

**I16** - 16 potential-free inputs

**I24** - 24 potential-free inputs

**X** - no potential-free inputs

Emergency operation time:

**1h** - emergency operation time of 60 minutes

**2h** - emergency operation time of 120 minutes

**3h** - emergency operation time of 180 minutes