

# Emergency lighting in a public building: junior high school

Exiway Smartexit

Exiway Smartled



"Emergency lighting unit"

## Customer case

The junior high school, as a public building, must have an emergency lighting system that complies with national regulations and allows the school to be evacuated even in the event of a power failure thanks to exit signs and anti-panic lighting.

The public utilities need to reduce the cost of maintenance by ensuring the availability of the emergency system in the event of a main failure.

A logbook with all the test results, status of emergency lighting luminaire and maintenance dates must be available to comply with regulation.

Emergency lighting devices must be integrated into the environment without compromising aesthetics.

## Our recommendation

The use of anti-panic emergency lighting units and exit sign help reduce the risk of panic, making evacuation paths and obstacles visible, and allowing to follow and find easily the escape route.

Thanks to LED light source with an average lifetime of more than 100.000 hours and LiFePO4 batteries, our Emergency Lighting range can work maintenance free for more than 8 years as lifespan expectations.

The range includes auto test Emergency Lighting (able to test itself automatically). Addressable emergency lighting system can also create automatically the logbook of events.

With different aesthetical range proposal we can satisfy customer requirements with surface or flush mounted products for anti-panic and Exit sign purposes.

## Benefits

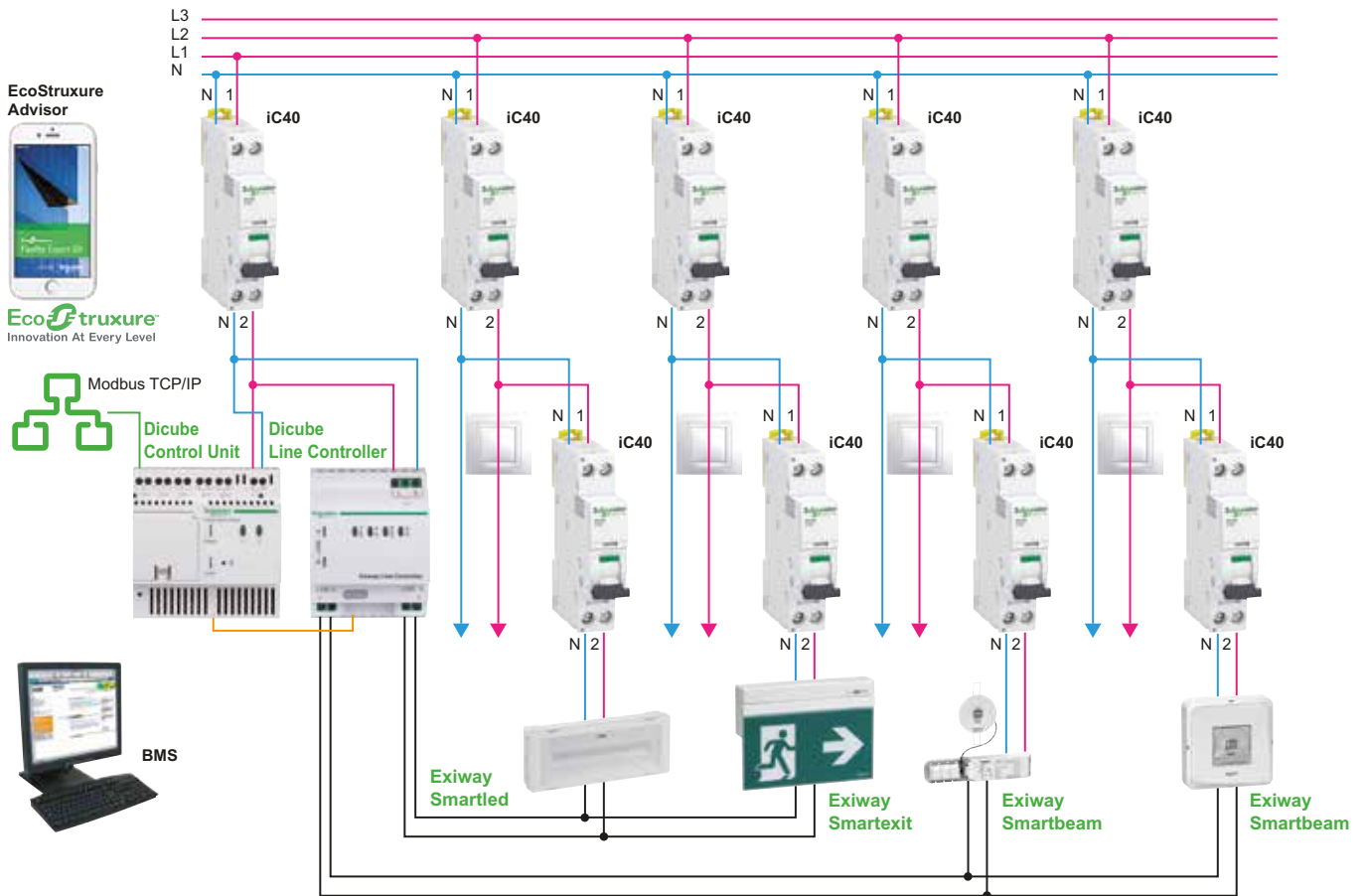
- **Easy, fast installation:** the emergency lighting units are designed to simplify the work of the installer (numerous handling operations are performed without tools, numerous mounting possibilities, simplified markings, quick connectors, cable glands, accessories).
- **Lower maintenance costs:** provided with integral self-control, the emergency lighting units make periodical tests on the light source, the battery and the electronic module. The results are indicated by multicolored LEDs.
- **Extended service life:** the LED technology reduces power consumption and increases reliability and service life of the installation.

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# Solution Diagram



## Specifications

- The installation is made by antipanic emergency lighting and exit sign to indicate the escape route.
- Periodical tests, functional and duration, are automatically managed by the supervising system.
- The logbook of events must be created automatically registering test results and faults.

Products used			
Product	Function	Quantity	Reference
Acti9 iC40	MCB 1P+N	9	Depend on rating
Exiway Dicube	Control unit with controller module	2	OVA53167
Exiway Smartled	Emergency light fitting	1	OVA48301
Exiway Smartexit Dicube	Emergency exit sign - addressable	1	OVA48604
Exiway Smartbeam Activa	Emergency luminaire - flush	1	OVA48921
Exiway Smartbeam Activa	Emergency luminaire - surface	1	OVA48924

More about Exiway



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