

Gateway Avebus DALI-2: lighting control is pure precision

AVE home automation embraces the DALI-2 standard for professional lighting by launching a device entirely designed and manufactured in Italy.

The Avebus DALI-2 Gateway (art. 53AB-LIGHT2) elevates lighting management to a level of absolute precision and simplicity. The device serves as a bridge between the AVE home automation system and the **DALI (Digital Addressable Lighting Interface)** protocol, providing a practical solution for a market that demands high performance and compact dimensions in electrical panels.

The DALI system and its evolution towards the DALI-2 standard

The **DALI system has revolutionized professional lighting**, establishing itself as the only global standard compliant with the **IEC 62386** standard. This certification ensures full interoperability between devices from different manufacturers. Thanks to its digital bidirectional nature, the protocol facilitates the creation of scalable and flexible networks. Its architecture allows for capillary management: from controlling a single light point to programming groups or broadcasts. The wiring is simple and robust, freeing the logical configuration from the system's physical structure. The evolution towards the **DALI-2 standard** has further boosted these performances, introducing decisive technological advantages for the sector.

Avebus DALI-2 Gateway: certification, integration, and compactness

Entirely designed, built, and assembled in Italy, the **53AB-LIGHT2** device offers installers three fundamental technical advantages:

- **Certified DALI-2 Standard:** a guarantee of total interoperability. Thanks to DALI-2 certification, the gateway ensures precise and reliable management of luminaires, minimizing configuration issues.
- **Integrated BUS power supply:** the AVE gateway already includes the necessary power supply, simplifying the wiring diagram and reducing installation time.
- **Maximum efficiency in just 2 DIN modules:** space in the electrical panel is precious. All control and power technology has been concentrated into a footprint of just 2 DIN modules, leaving more room for design flexibility.

The integration of the DALI-2 system into AVE home automation ensures total operational flexibility, allowing professionals to configure the system logically, independent of physical wiring. By combining the **reliability of AVE technology with the precision of the DALI-2 protocol**, installers can manage every luminaire individually or through complex scenarios. The result is the creation of state-of-the-art, reliable, and easily scalable systems.

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