

Busbar trunking for lighting

Specific applications

Emergency lighting

Automatic emergency lighting

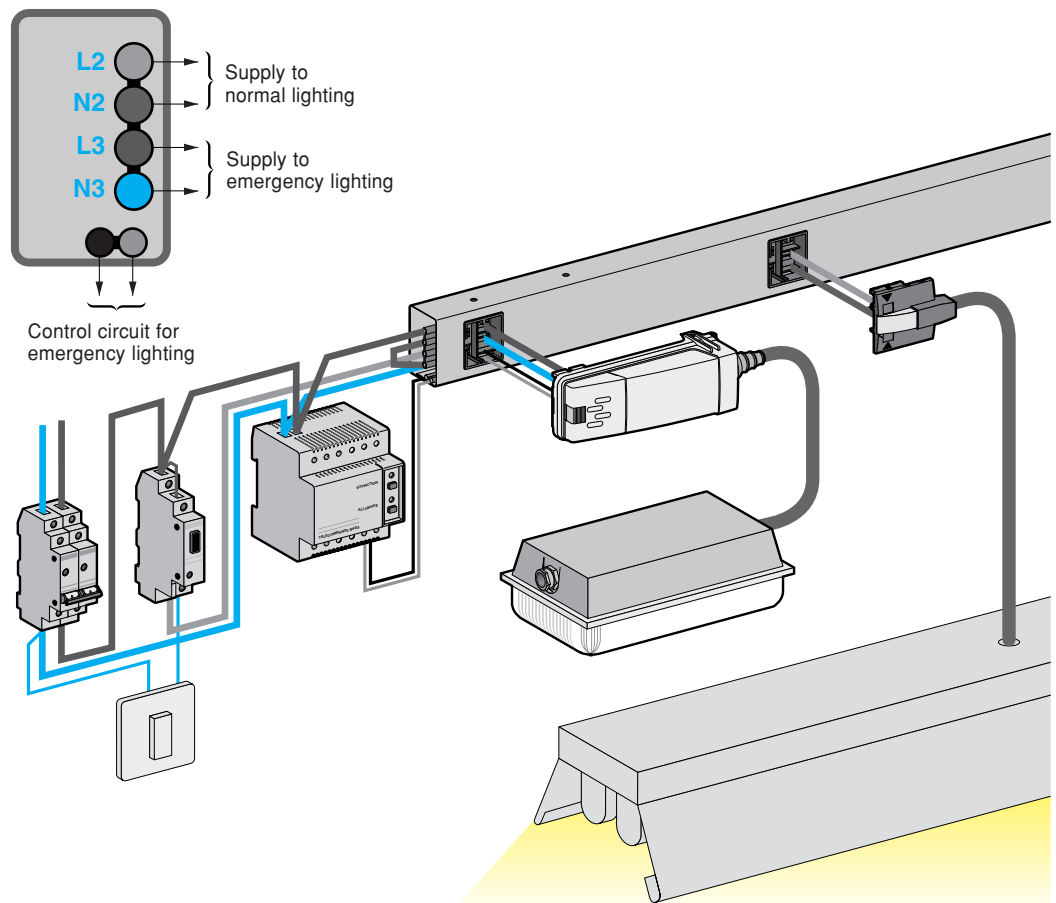
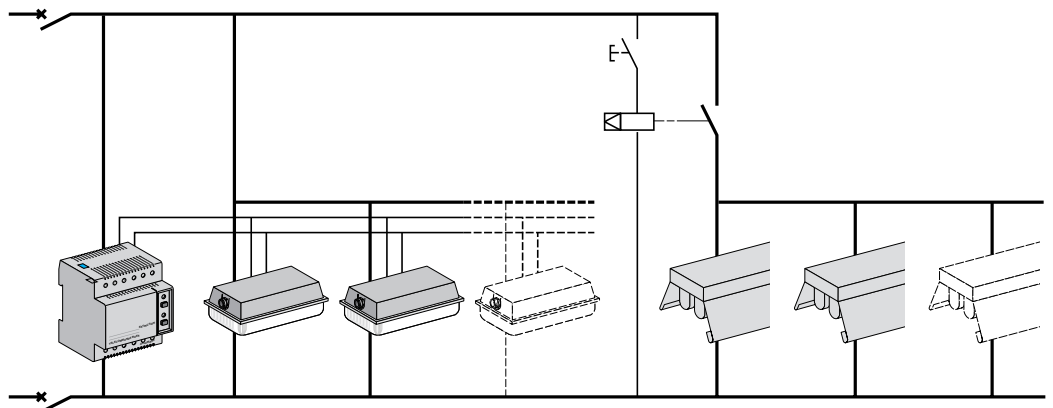
Canalis KBA or KBB busbar trunking is available with 4 conductors + remote control circuit KB●●●EA403T. The L2 and N2 conductors are used to power the luminaires for normal lighting. The L3 and N3 conductors are used to power the 230 V emergency lighting units. The remote control conductors are used to control the emergency lighting units.

Connection of luminaires for normal lighting

Use the KBC-10CS12● moulded connector (yellow lock, black body).

Connection of the emergency lighting

Use the connection unit on KBC-16CB216 terminals (selection L3/N3) equipped with the additional power socket block for the KBC-16AZ01 remote control (connection of the control circuit of the automatic emergency lighting units).



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Emergency lighting from a central source

Canalis KBA or KBB can be fitted with a metal cable duct to distribute auxiliary power cables. The busbar trunking can be used to supply luminaires for normal lighting (1 lighting circuit in the example below) and the duct to distribute power cables for emergency luminaires.

Connection of luminaires for normal lighting

With a moulded connector KBC-10CS10● (green lock, grey body).

Connection of luminaires for emergency lighting

Use either a KBB-40ES2* emergency lighting distribution box fixed to the busbar trunking by two K●-40ZA2 devices, with the luminaire fed by a KBC10CS10● tap-off unit.

Or a traditional distribution box.

* The KBB-40ES2 box provides a tap-off **without breaking** the emergency lighting cable. Designed around tap-off units, it enables maintenance operations to be carried out without affecting the continuity of service of the emergency lighting.

