

A comprehensive offer

A new path for achieving your electrical installations

Canalis is part of a comprehensive offer of products that are perfectly coordinated to meet all medium and low voltage electrical distribution requirements. All of these products have been designed to work together: electrical, mechanical and communication compatibility. The electrical installation is thus both optimised and has improved performance:

- better service continuity,
- increased personnel and equipment safety,
- guaranteed upgradeability,
- efficient monitoring and control.

You therefore have all the advantages at hand in terms of know-how and creativity for achieving optimised, safe, upgradeable and compliant installations.

Canalis busbar trunking

Lighting distribution

Canalis KBA/KBB (supports light fittings)

Rated service current: 25 and 40 A

Protection index: IP 55

Canalis KBX (lighting duct)

Rated service current: 25 A

Protection index: IP 20

Canalis KDP (flexible busbar trunking)

Rated service current: 20 A

Protection index: IP 55

Power distribution

Canalis KN for low power

Rated service current: from 40 to 160 A

Protection index: IP 55

Canalis KS for medium power

Rated service current: from 100 to 1000 A

Protection index: IP 55

Canalis KT for high power distribution and transmission

Rated service current: from 800 to 5000 A

Protection index: IP 55

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As standards, specifications and designs change from time to time, always ask for confirmation of the information given in this publication.



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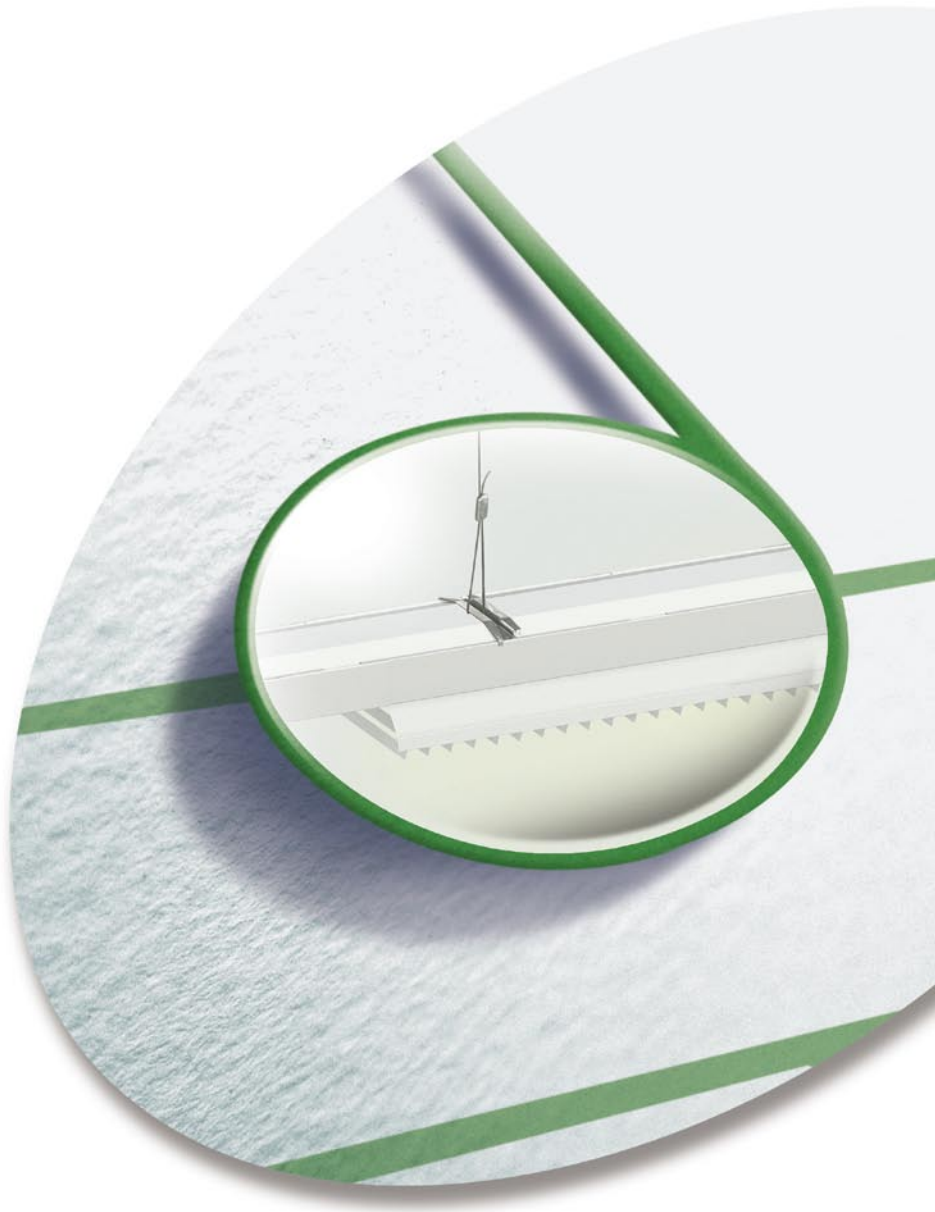
Prefabricated busbar trunking

Canalis® KBX

Lighting ducts



An electrifying
new repertoire



Merlin Gerin
Square D
Telemecanique

Schneider
 **Electric**
Building a New Electric World

Canalis KBX

The most cost-effective solution for high-intensity lighting systems

> **Uniform and powerful lighting levels**

Canalis KBX is ideally suited to lighting small and medium sized supermarkets, school buildings, etc.



> **Blending in**

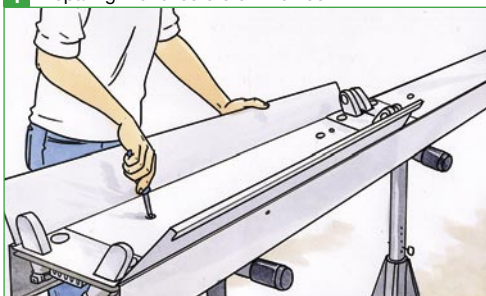
With its design and colour, a very modern white, Canalis KBX blends perfectly in all commercial environments.



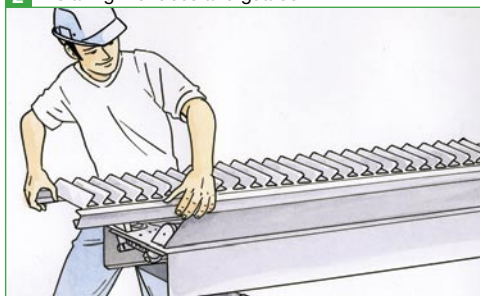
Installation

Very quick assembly, not requiring **any tools**

1 Preparing the reflectors on the floor



2 Installing the tubes and guards



3 Suspending the Canalis KBX on cables



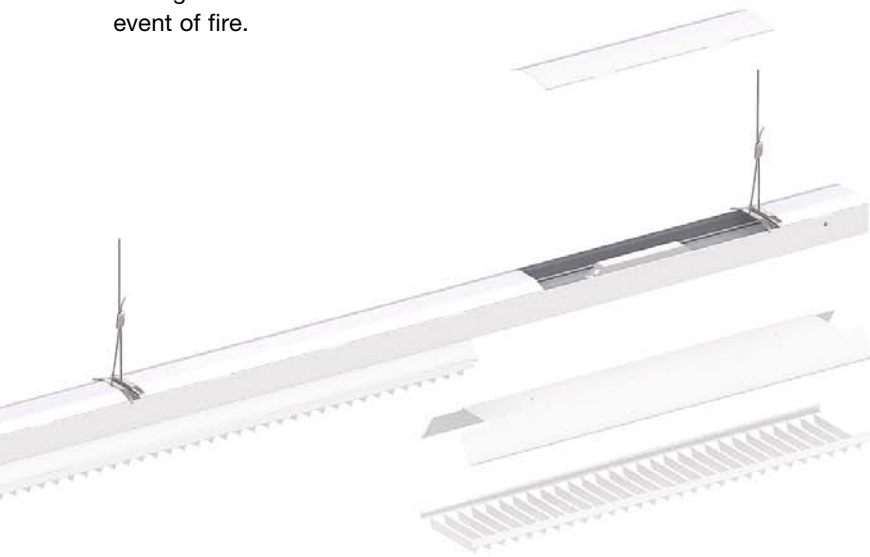
> A comprehensive eco-design approach

A long way ahead of European RoHS recommendations

Canalis KBX is halogen-free and does not release any toxic gases in the event of fire.

Characteristics

| | |
|------------------------------|--------------|
| Length of components: | 1.5 m or 3 m |
| Rated service current: | 25A |
| Rated insulating voltage: | 400V |
| Number of active conductors: | 4 conductors |
| Protection index: | IP20 |
| Colour: | White |



> Quick and simple installation

The **Canalis KBX**, “all-in-one” concept (power supply system integrated in the light fittings themselves) considerably reduces the time required to install.

> The best solution for places with high-intensity lighting

There is no doubt that **Canalis KBX** is the most cost-effective solution when lights have to be installed in a line.

> Perfectly aligned lights

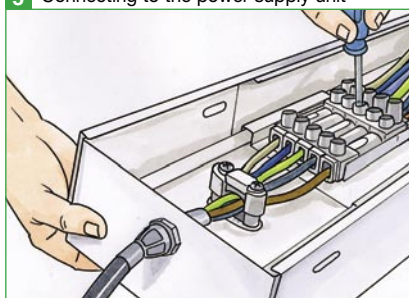
A guide system ensures that the components are perfectly rigid and makes the mechanical clipping easier



4 Clipping the Canalis KBX components together



5 Connecting to the power supply unit



6 Switching on

