

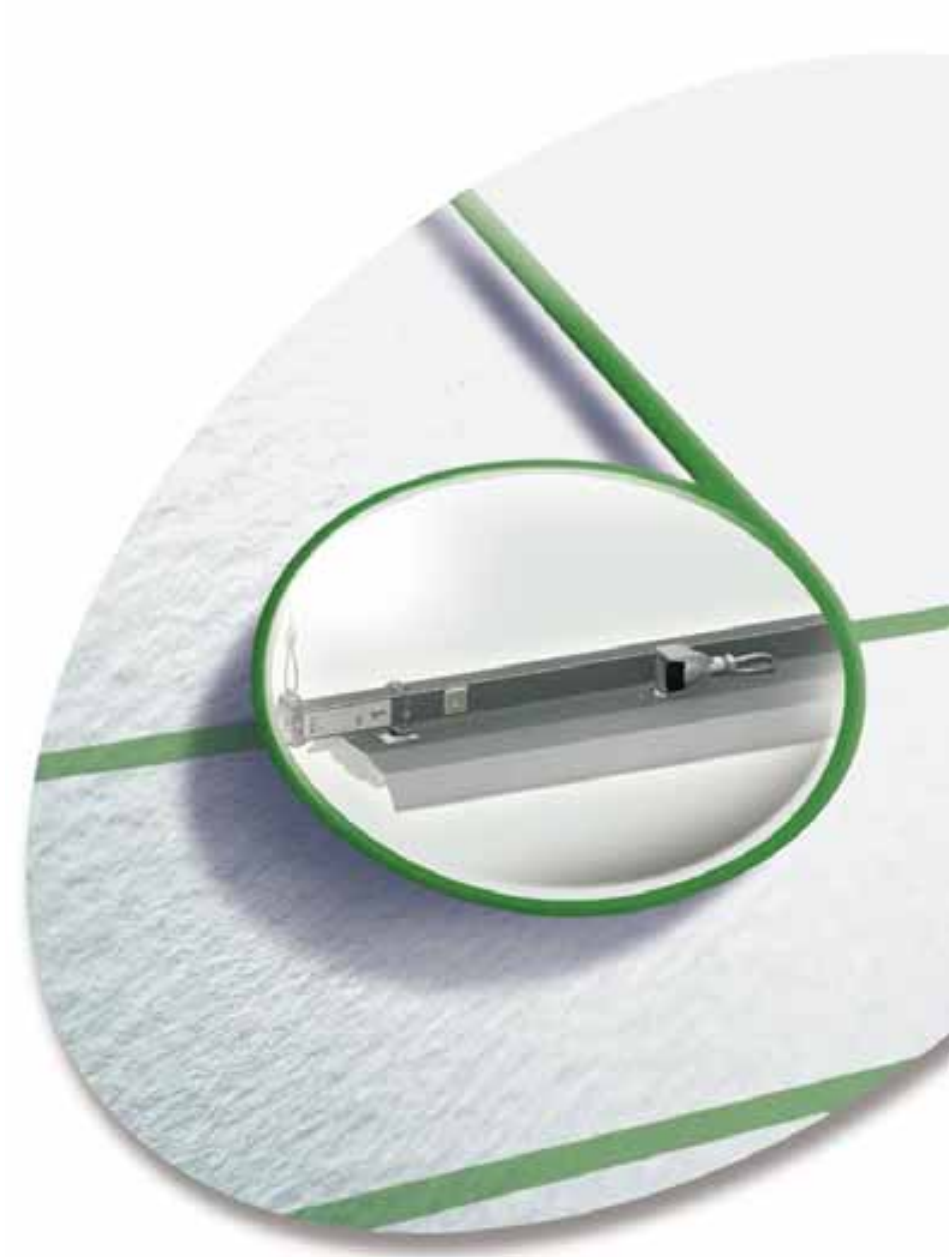
Prefabricated busbar trunking

Canalis[®] KBA/KBB

Lighting and low power distribution



An electrifying
new repertoire



The ideal solution for cost effective and upgradeable lighting

> For all types of buildings

The high IP55 protection index guarantees **Canalis** is splash-proof and dust resistant and enables it to be installed in all types of buildings.



> A ready-to-install lighting system

Canalis KBL lights combined with **Canalis KBA** busbar trunking provide a full and compatible range for lighting systems in small and medium-height buildings (garages, workshops, supermarkets).

> Outstanding rigidity

Canalis KBB busbar trunking is very heavy duty and has centre-to-centre fixing distances of up to 5 meters, capable of supporting a large number of heavy light fittings (agricultural buildings, shopping centers, etc.)



> Canalis KBA

Installation

Quick and **simple** to assemble

1 Preparing a set of busducts on the floor



2 Hooking up the busbar trunking



3 Leveling the line



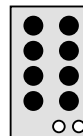
Technical characteristics

- Length of busbar trunking components: 2 or 3 meters
- Rated service current: 25 and 40 A
- Rated tape off units current: 10 and 16 A
- Rated insulating voltage: 690V
- Number of circuits: Canalis KBA, 1 circuit (2 or 4 conductors), Canalis KBB, 1 or 2 circuits (2 or 4 conductors)
- Protection index: IP 55
- Surface treatment: galvanized or white Ral 9010
- Regulations: compliant with European RoHS regulations



> A large number of conductors for all requirements

Safety lighting, dimming, separate circuits for lighting and power sockets.



Canalis KBB:
2 circuits with 4 conductors
+ 1 communication circuit

> Quick and easy assembly

Installation time is divided by two with **Canalis**. Straight components and lights are fitted together in a few clicks.



> Outstanding upgradeability

Any change or extension to the installation is particularly easy due to the very easy assembly and dismantling of **Canalis** components.



> A major contribution to sustainable development

Since it is halogen-free, **Canalis** does not release any fumes or toxic gases in the event of fire.



4 Fitting the lights



5 Connecting the power supply unit



6 Turning on the power



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

Schneider Electric Industries SAS

89 boulevard F. Roosevelt
F - 92500 Rueil Malmaison
France
Tél. : +33 (0)1 41 29 85 00
Fax : +33 (0) 1 41 29 89 01
<http://www.schneider-electric.com>

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



*This document has been printed
on ecological paper*

Creation: Pema-Cohérents
Illustrations: Schneider Electric
Printed by: