

Prefabricated busbar trunking

Canalis® KDP

Lighting and power socket distribution



Canalis KDP

Cost effective and reliable lighting distribution

> A high protection index

IP55 protection guarantees that the busbar trunking is splash-proof and protected from dust and means that it can therefore be installed in all types of buildings (partitioned offices, cruise liners, farm buildings, etc).



> Remarkably flexible and compact

Canalis KDP is very easy to fit in a hanging ceiling or raised floor.



Installation

Intuitive, quick and effortless assembly

1 Preparing the winder



2 Installing Canalis KDP



3 Fixing to the cable ducts



> Access points available wherever they are required

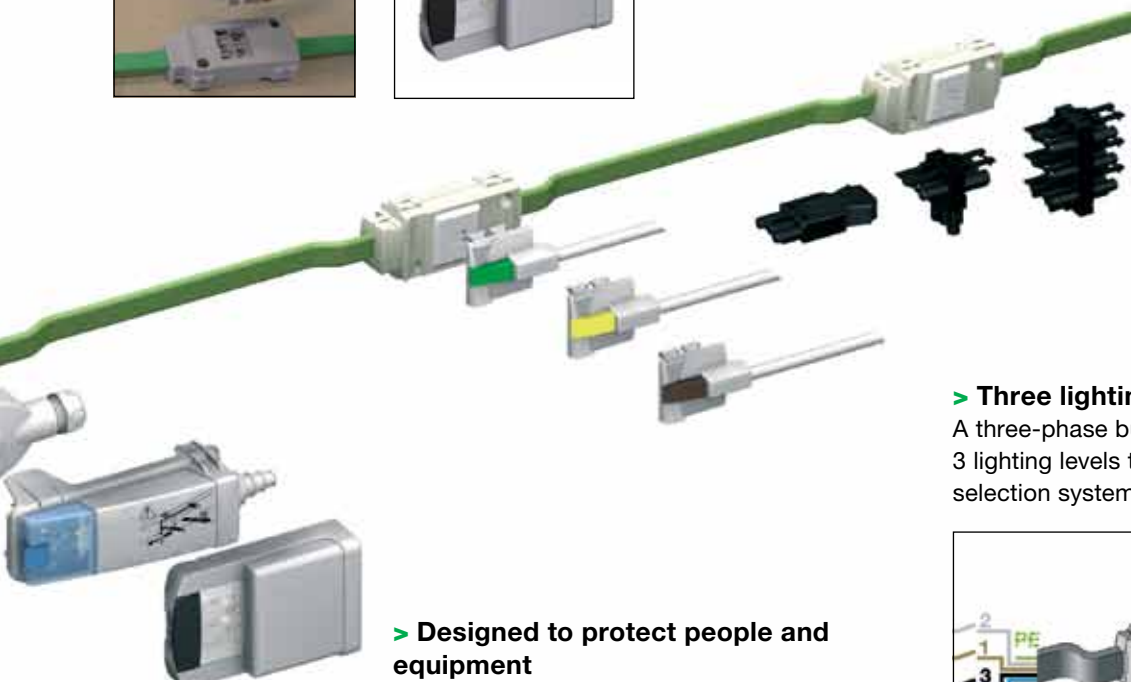
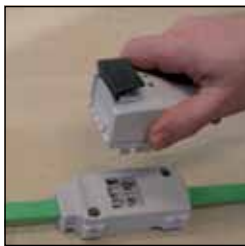
Rearranging of premises is not a problem. Feeders can be rearranged or added whenever required.

> A specific connector for lighting control

This eliminates cabling errors and saves 1 hour assembly time per control point as well as making the installation upgradeable.

Characteristics

Length of busbar trunking components: or 192m winder	24m roll
Rated service current:	20A
Permissible rated peak current:	3.6 kA
Rated tape off units current:	10 and 16A
Rated insulation voltage:	690V
Number of conductors:	2 or 4 + PE
Centre to centre distance between tape off units:	1.2m to 3m
Protection index:	IP55
Regulations: compliant with European directives (RoHS)	



> Three lighting levels

A three-phase busbar trunking enables 3 lighting levels to be installed. A phase selection system simplifies balancing.



> Designed to protect people and equipment

Free of any halogen products, **Canalis KDP** does not release fumes or toxic gases in the event of a fire.

4 Connecting the connector to the busbar trunking



5 Connecting the lights (up to 5 lights per connector)



6 Connecting power to the line



7 Switching on



A comprehensive offer

A new path for achieving your electrical installations

Canalis is part of a comprehensive offer of products which is 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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