

Our performance... your values

#### Incomparable scalability

The electrical busbar trunking has a high density of tap-off points even in rising mains, due to the absorption of differential expansion by the junctions.

The tap-off units are removable and can be handled live.

#### Easy handling and installation

Because the available space in technical ducts is limited, Canalis KS gives the advantage to use significantly less room compared to a centralised distribution system using cables.

Installation is made easy due to the design of the jointing units that facilitate alignment of the straight lengths.

#### Maintenance free

All sliding jointing contacts are lubricated for the life of the product.

#### Very flexible

The floor-distribution components in the Canalis KS range offer 3 or 4 tap-off outlets per floor, enough to have reserve outlets for future upgrades.

#### Protected feed units

These provide line protection. They make it possible to perform operations on a line by de-energizing it, without interrupting the power supply of the whole system.

#### A complete range of tap-off units

- > The range covers all needs from 25 to 400 A.
- > Protection is possible using circuit breakers, fuses or surge arresters.
- > Also available are 32 A tap-off units equipped with household and industrial power sockets.

#### Intelligent tap-off units

- > They monitor the installation to avoid overloads and ensure continuity of service.
- > They can meter the energy consumed for precise management (cost allocation for each consumer).



## Make the most of your energy™

[www.schneider-electric.com](http://www.schneider-electric.com)

#### Schneider Electric Industries SAS

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# Prefabricated busbar trunking solutions

Canalis - Copper conductors range



Rapid installation



Flexible system



Safety and protection

**Schneider**  
Electric



The Canalis range is a consistent, comprehensive system of busbar trunking for lighting and power distribution in all types of buildings.

As an integral part of our offer, it guarantees and enhances the safety of people and equipment, and provides installation continuity of service, upgradeability and simplicity.

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### Intelligent tap-off units

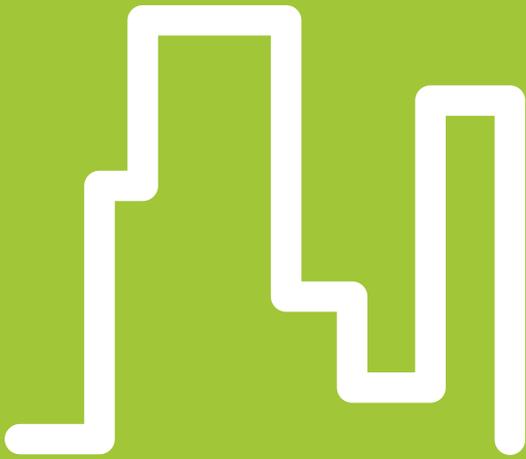
- > They monitor the installation to avoid overloads and ensure continuity of service.
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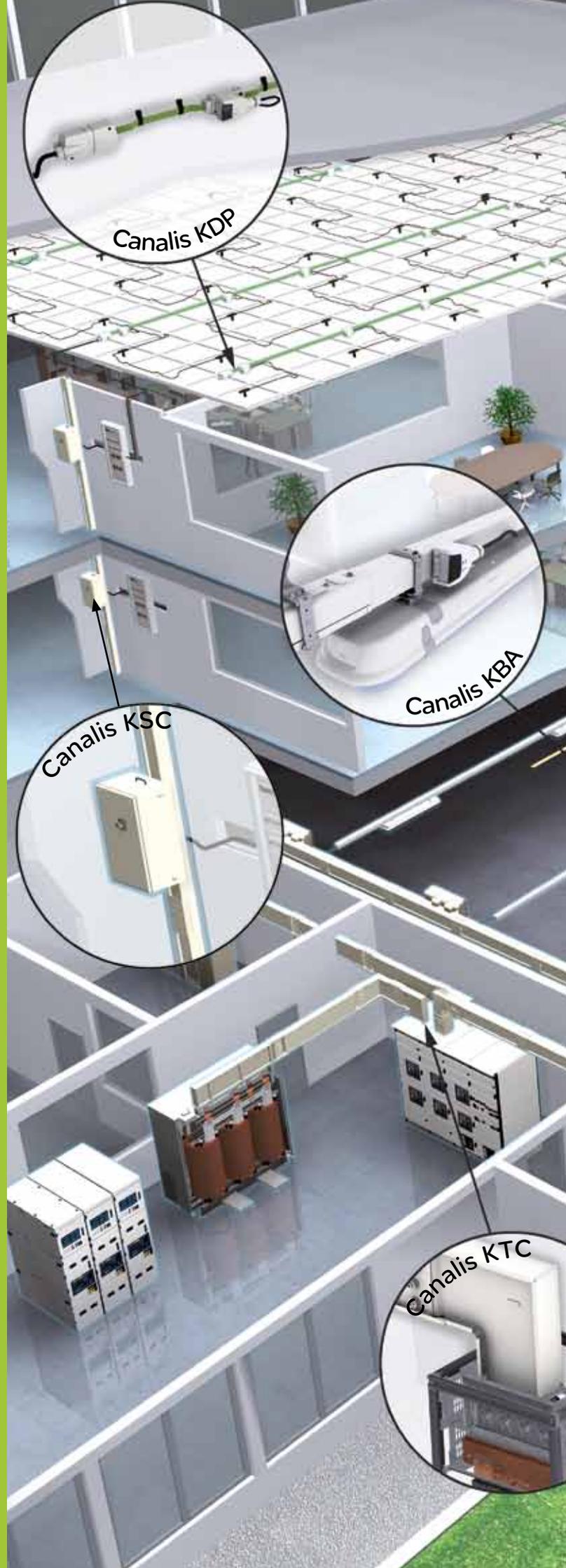
**The Canalis range** is a consistent, comprehensive system of busbar trunking for lighting and power distribution in all types of buildings.

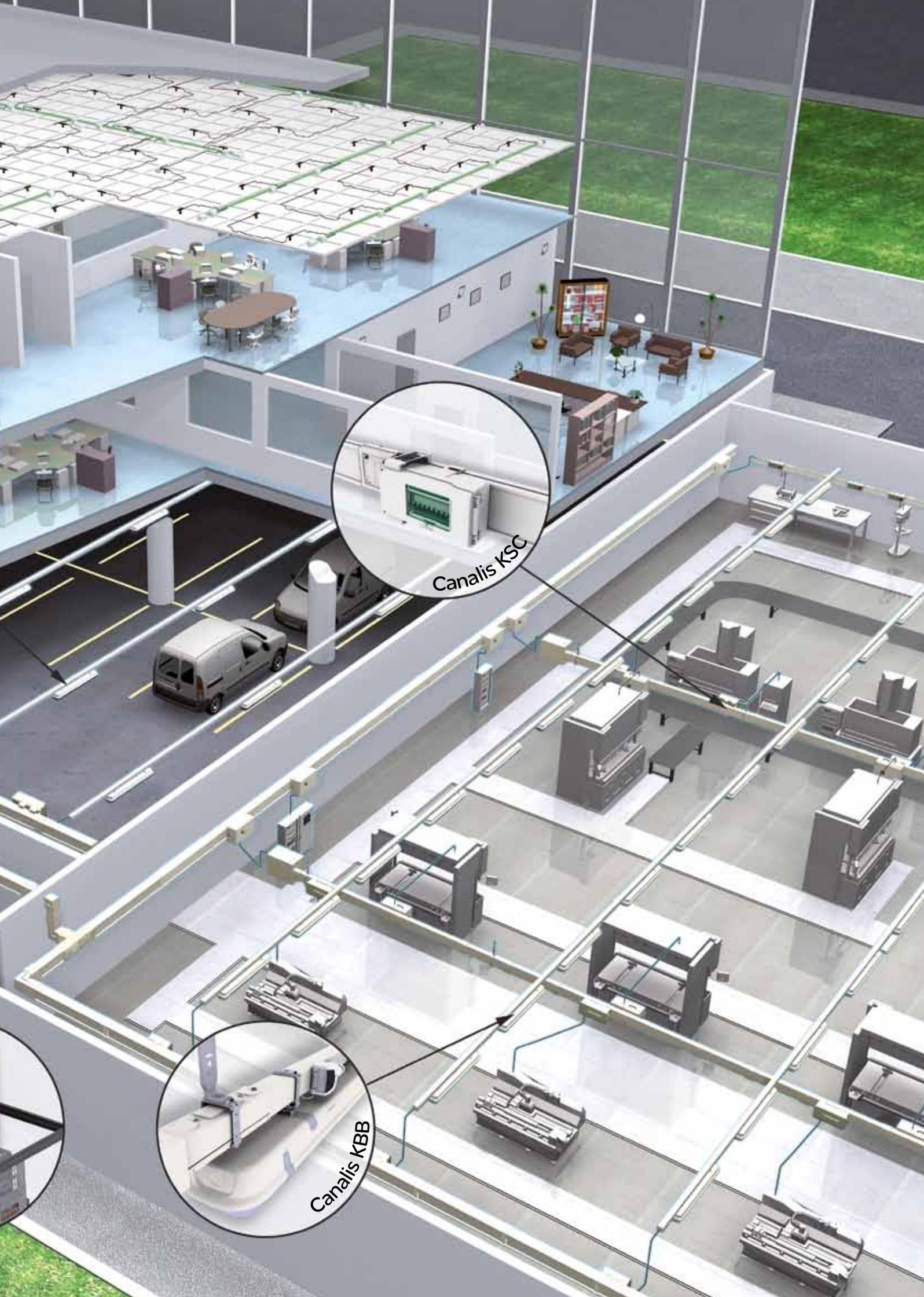
As an integral part of our offer, it guarantees and enhances the safety of people and equipment, and provides installation continuity of service, upgradeability and simplicity.



Taking power  
where you need it

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Canalis KSC



Canalis KBB

# Canalis for lighting power distribution

- **KDP - Flexible busbar trunking, for lighting and low power distribution 20 A**  
IP55, halogen-free



Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Inc	Ipk	Ui	Length of components	Number of conductors	
20 A	3.6 kA	690 V	24 m roll to 192m winder	2 or 4 + PE	1.2m to 3m	L + N + PE or 3L + N + PE (10/16 A) pre-cabled or to be cabled, with phase selection or fixed polarity, with lighting control	With fuses or without protection	> Fixing devices for all supports > Factory-built connections

- **KBA / KBB - Rigid busbar trunking for lighting (able to support light fittings) and low power distribution 25-40 A**  
IP55, IK10, halogen-free, pre-lacquered white (RAL9003)

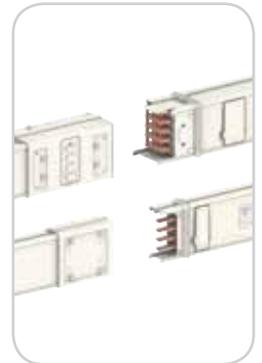


Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Inc	Ipk	Ui	Length of components	Number of conductors	
25 A 40 A	4.4 kA 9.6 kA	690 V	2m and 3m	<b>For KBA:</b> 2 or 4 + PE  <b>For KBB:</b> Single circuit: 2 or 4 + PE Dual circuit: 2 + 2 + PE 2 + 4 + PE 4 + 4 + PE	<b>For KBA:</b> 0.5m, 1m or 1.5m  <b>For KBB:</b> 0.5m or 1m	L + N + PE or 3L + N + PE (10/16 A) pre-cabled or to be cabled, with phase selection or fixed polarity, with lighting control	With fuses or without protection	> Flexible components > Fixing devices with quick adjustment > Remote control bus (DALI, DSI) > Cable ducts

# Canalis for power transmission and distribution

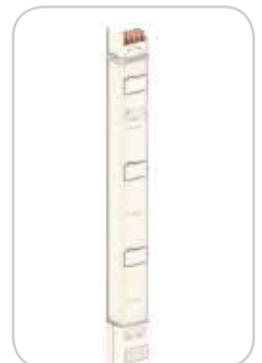
## ● KSC - Power transmission and distribution from 160 to 800 A IP55, IK08, halogen-free, pre-lacquered white (RAL 9001)

Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Inc	l <sub>pk</sub>	U <sub>i</sub>	Length of components	Number of conductors	
160 A 250 A 400 A 630 A 800 A	22 kA 28 kA 49.2 kA 67.5 kA 78.7 kA	690 V	3m and additional or customized components	4 + PE	0.5m or 1m on each side	25 A to 630 A (plug-in)	Units for circuit breakers (modular, Compact NSX), fuses, sockets	<ul style="list-style-type: none"> <li>&gt; Riser ducting offer</li> <li>&gt; Fixing devices with quick adjustment</li> <li>&gt; Cable ducts</li> <li>&gt; Installation accessories</li> <li>&gt; Fire barriers</li> </ul>



## ● KSC Rising mains - Power distribution from 160 to 800 A IP55, IK08, halogen-free, pre-lacquered white (RAL 9001)

Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Inc	l <sub>pk</sub>	U <sub>i</sub>	Length of components	Number of conductors	
160 A 250 A 400 A 630 A 800 A	22 kA 28 kA 49.2 kA 67.5 kA 78.7 kA	690 V	0.5m, 0.8m, 2m, 2.5m	4 + PE	0.5m	25 A to 630 A (plug-in)	Units for circuit breakers (modular, Compact NSX), fuses, sockets	<ul style="list-style-type: none"> <li>&gt; Riser ducting offer</li> <li>&gt; Fixing devices with quick adjustment</li> <li>&gt; Cable ducts</li> <li>&gt; Installation accessories</li> <li>&gt; Fire barriers</li> </ul>



## ● KTC - Power transmission and distribution from 1000 to 5000 A IP55, IK08, halogen-free, pre-lacquered white (RAL 9001)

Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Inc	l <sub>pk</sub>	U <sub>i</sub>	Length of components	Number of conductors	
1000 A 1350 A 1600 A 2000 A 2500 A 3200 A 4000 A 5000 A	110 kA 110 kA 143 kA 154 kA 176 kA 189 kA 198 kA 209 kA	1000 V	2m and 4m	3P+PE 3P+N+PE 3P+N+PER	0.5m or 1m	25 A to 630 A (plug-in) 400 A to 1250 A (bolt-on)	Units for circuit breakers (modular, Compact NSX), fuses, sockets	<ul style="list-style-type: none"> <li>&gt; Power supply ends</li> <li>&gt; Direction change angles and T-pieces</li> <li>&gt; Fixing devices and fuses</li> </ul>



## Canalis for lighting power distribution

### • KDP - Flexible busbar trunking, for lighting and low power distribution 20 A IP55, halogen-free

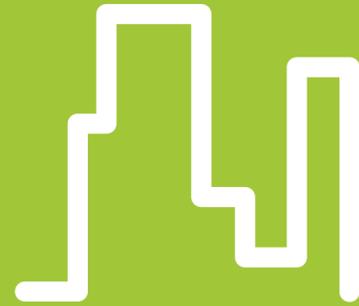


Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Length of components	Number of conductors	Branching centre to center distance	Polarity	Protection type	
Inc	Ipk	Ui						
20 A	3.6 kA	690 V	24m roll to 192m winder	2 or 4 + PE	1.2m to 3m	L + N + PE or 3L + N + PE (10/16 A) pre-cabled or to be cabled, with phase selection or fixed polarity, with lighting control	With fuses or without protection	> Fixing devices for all supports > Factory-built connections

### • KBA / KBB - Rigid busbar trunking for lighting (able to support light fittings) and low power distribution 25-40 A IP55, IK10, halogen-free, pre-lacquered white (RAL9003)

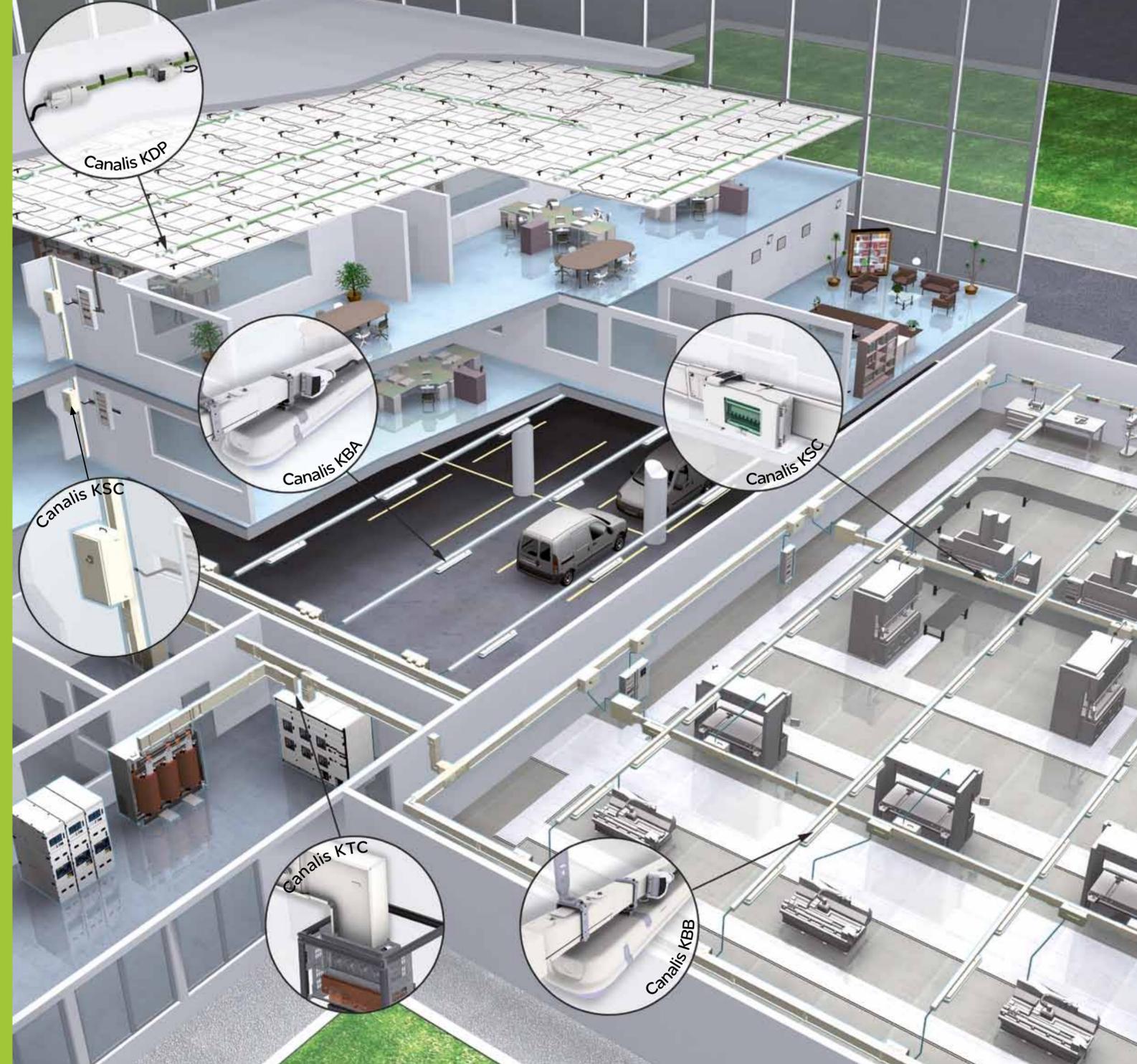


Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Length of components	Number of conductors	Branching centre to center distance	Polarity	Protection type	
Inc	Ipk	Ui						
25 A 40 A	4.4 kA 9.6 kA	690 V	2m and 3m	For KBA: 2 or 4 + PE For KBB: Single circuit: 2 or 4 + PE Dual circuit: 2 + 2 + PE 2 + 4 + PE 4 + 4 + PE	For KBA: 0.5m, 1m or 1.5m For KBB: 0.5m or 1m	L + N + PE or 3L + N + PE (10/16 A) pre-cabled or to be cabled, with phase selection or fixed polarity, with lighting control	With fuses or without protection	> Flexible components > Fixing devices with quick adjustment > Remote control bus (DALI, DSI) > Cable ducts



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## Canalis for power transmission and distribution

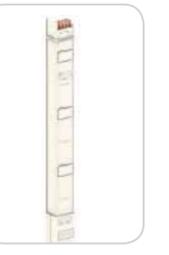
### • KSC - Power transmission and distribution from 160 to 800 A IP55, IK08, halogen-free, pre-lacquered white (RAL 9001)

Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Length of components	Number of conductors	Branching centre to center distance	Rated current	Protection type	
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160 A 250 A 400 A 630 A 800 A	22 kA 28 kA 49.2 kA 67.5 kA 78.7 kA	690 V	3m and additional or customized components	4 + PE	0.5m or 1m on each side	25 A to 630 A (plug-in)	Units for circuit breakers (modular, Compact NSX), fuses, sockets	> Riser ducting offer > Fixing devices with quick adjustment > Cable ducts > Installation accessories > Fire barriers



### • KSC Rising mains - Power distribution from 160 to 800 A IP55, IK08, halogen-free, pre-lacquered white (RAL 9001)

Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Length of components	Number of conductors	Branching centre to center distance	Rated current	Protection type	
Inc	Ipk	Ui						
160 A 250 A 400 A 630 A 800 A	22 kA 28 kA 49.2 kA 67.5 kA 78.7 kA	690 V	0.5m, 0.8m, 2m, 2.5m	4 + PE	0.5m	25 A to 630 A (plug-in)	Units for circuit breakers (modular, Compact NSX), fuses, sockets	> Riser ducting offer > Fixing devices with quick adjustment > Cable ducts > Installation accessories > Fire barriers



### • KTC - Power transmission and distribution from 1000 to 5000 A IP55, IK08, halogen-free, pre-lacquered white (RAL 9001)

Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Length of components	Number of conductors	Branching centre to center distance	Rated current	Protection type	
Inc	Ipk	Ui						
1000 A 1350 A 1600 A 2000 A 2500 A 3200 A 4000 A 5000 A	110 kA 110 kA 143 kA 154 kA 176 kA 189 kA 198 kA 209 kA	1000 V	2m and 4m	3P+PE 3P+N+PE 3P+N+PER	0.5m or 1m	25 A to 630 A (plug-in) 400 A to 1250 A (bolt-on)	Units for circuit breakers (modular, Compact NSX), fuses, sockets	> Power supply ends > Direction change angles and T-pieces > Fixing devices and fuses

