

Taking Power where you need it



- Rapid Installation, controlling your cost**
- > Easy to handle modular components aid simple installation
 - > Fitting time reduced by more than 50% compared with traditional cable installations
- Flexible and upgradeable**
- > Branching points allow power to be supplied to new loads as and when needed
 - > Easy to dismantle and 100% reusable
 - > Connect or disconnect tap off units whilst still energised without interrupting operations
 - > Tap off units positioned close to the line enabling quick work
- Safe**
- > All energized parts are entirely protected: IPxxD
 - > Connections made completely safe via poka-yoke devices and interlocking
 - > Busbar and tap-offs are fully type tested

For **all types** of buildings ...

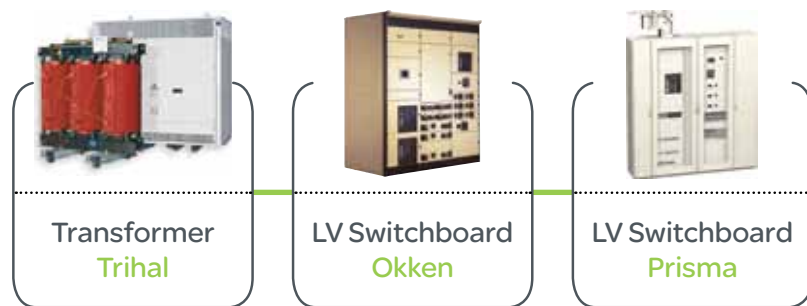
The depth of the range and its easy installation make Canalis ideally suited for all types of building.

Industrial applications
Garages, workshops, farm buildings, logistics centres, factories, warehousing

Commercial applications
Shopping centres, supermarkets, hotels, exhibition centres, sporting centres and stadiums

Tertiary applications
Offices, schools, hospitals, leisure centres, banks, data centres, airports

Connecting **all types** of loads ...



> **Make the most of your energy™**

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Prefabricated busbar trunking solutions

Canalis range



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.



Rapid installation



Future friendly



Safety and protection



Taking Power where you need it



Rapid Installation, controlling your cost

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- > Fitting time reduced by more than 50% compared with traditional cable installations

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Offices, schools, hospitals, leisure centres, banks, data centres, airports

Connecting **all types** of loads ...



Transformer
Trihal



LV Switchboard
Okken



LV Switchboard
Prisma

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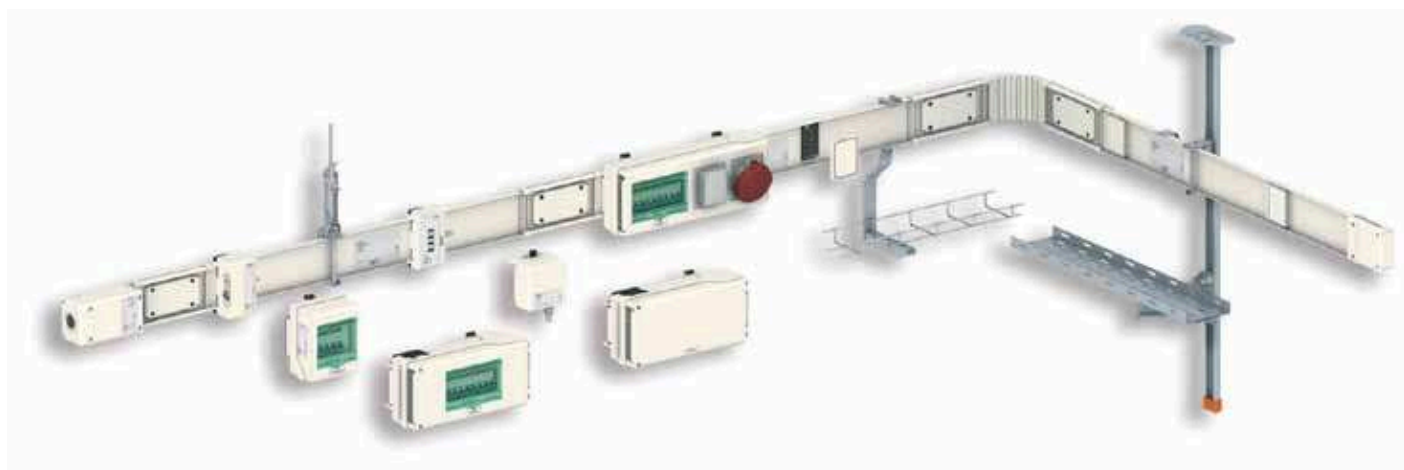


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Prefabricated busbar trunking solutions

Canalis range



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Schneider
Electric



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CANALIS for lighting and low power distribution

- **KDP - Flexible busbar trunking, for lighting and low power distribution 20 A**
IP 55, halogen-free

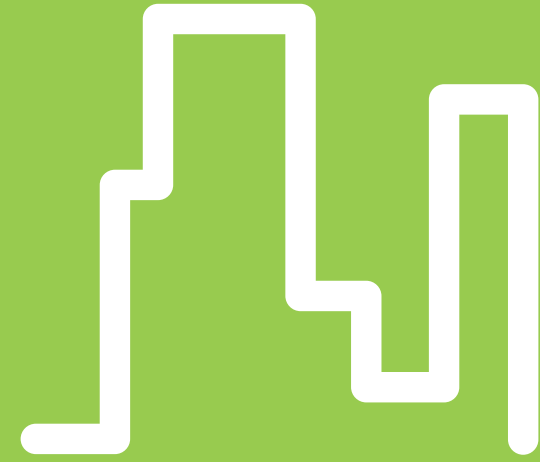
Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
Inc	IpK	Ui	Length of components	Number of conductors	Branching centre to center distance		Protection type	
20 A	3,6 kA	690V	24m roll to 192m winder	2 or 4 + PE	1,2m to 3m	L + 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 - Rigid busbar trunking for lighting (able to support light fittings) and low power distribution 25-40 A**
IP 55, 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	Branching centre to center distance		Protection type	
25 A 40 A	4,4 kA 9,6 kA	690V	2m and 3m	2 or 4 + PE	0,5m, 1m or 1,5m	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 > KBL light fittings

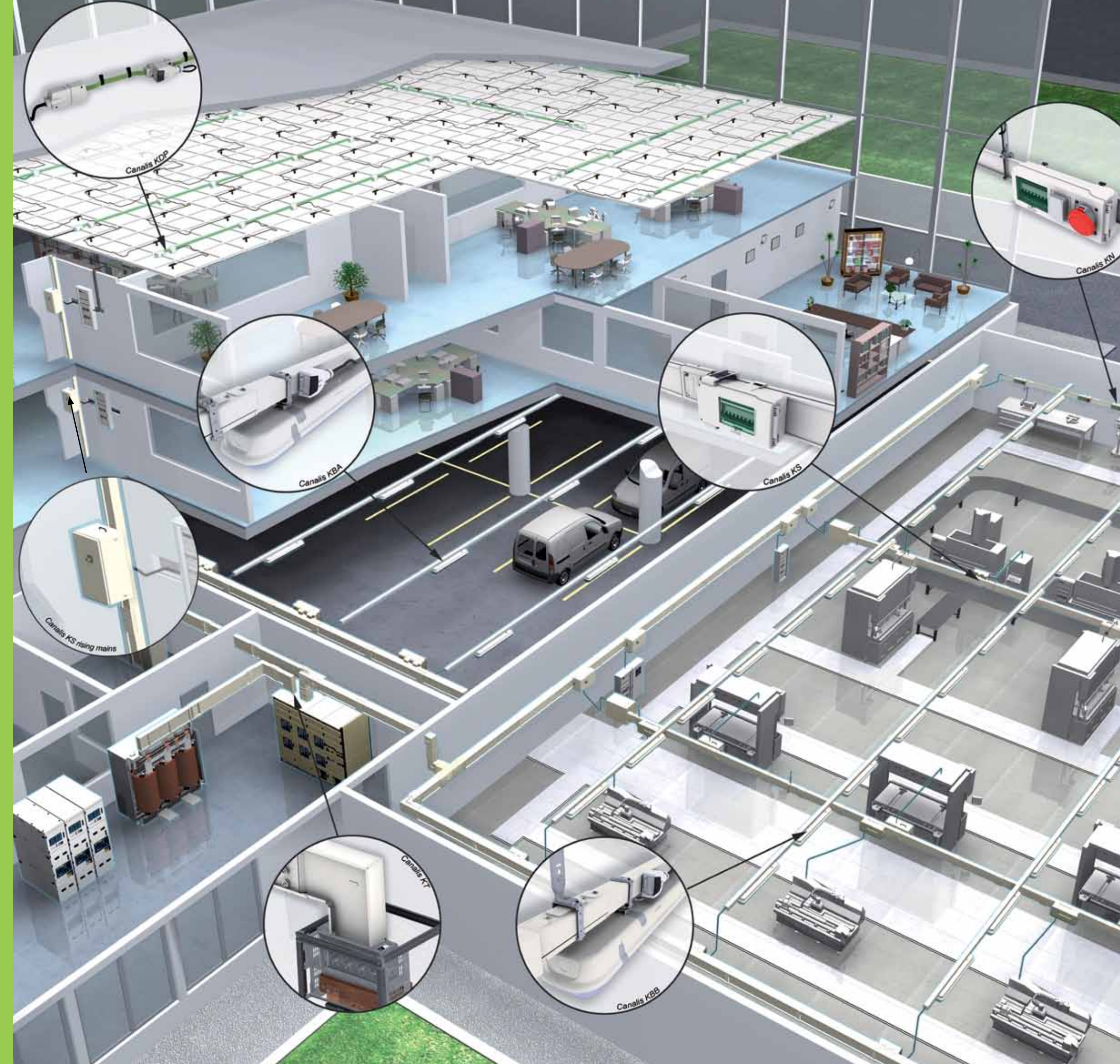
- **KBB - Rigid busbar trunking for lighting (able to support light fittings) and low power distribution 25-40 A**
IP 55, IK10, halogen-free, pre-lacquered white (RAL9003)

Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
Inc	IpK	Ui	Length of components	Number of conductors	Branching centre to center distance		Protection type	
25 A 40 A	4,4 kA 9,6 kA	690V	2m and 3m	Single circuit 2 or 4 + PE Dual circuit 2 + 2 + PE 2 + 4 + PE 4 + 4 + PE	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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We also offer I-Busway for Data Centres for rack distribution.



CANALIS for power transmission and distribution

- **KN - Power distribution from 40 to 160 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	IpK	Ui	Length of components	Number of conductors	Branching centre to center distance	Rated current	Protection type	
40 A 63 A 100 A 160 A	6 kA 11 kA 14 kA 20 kA	500V	2m and 3m	4 + PE	0,5m, 1m or 1,5m	16 A to 63 A (plug-in)	Units for modular circuit breakers, fuses and sockets	> Flexible components > Fixing devices with quick adjustment > Remote control bus > Cable ducts > Installation accessories

- **KS - Power transmission and distribution from 100 to 1000 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	IpK	Ui	Length of components	Number of conductors	Branching centre to center distance	Rated current	Protection type	
100 A 160 A 250 A 400 A 500 A 630 A 800 A 1000 A	15,7 kA 22 kA 28 kA 49,2 kA 55 kA 67,5 kA 78,7 kA 78,7 kA	690V	3m, 5m and additional or customized components	4 + PE	0,5 m or 1 m on each side	25 A to 630 A (plug-in)	Units for circuit breakers (modular, Compact NSX), fuses, sockets, sockets, Transparent Ready	> Riser ducting offer > Fixing devices with quick adjustment > Cable ducts > Installation accessories > Fire barriers

- **KS Rising mains - Power distribution from 100 to 1000 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	IpK	Ui	Length of components	Number of conductors	Branching centre to center distance	Rated current	Protection type	
100 A 160 A 250 A 400 A 500 A 630 A 800 A 1000 A	15,7 kA 22 kA 28 kA 49,2 kA 55 kA 67,5 kA 78,7 kA 78,7 kA	690V	0,5m, 0,8m, 1,5m, 2m, 2,5m	4 + PE	0,5m	25 A to 630 A (plug-in)	Units for circuit breakers (modular, Compact NSX), fuses, sockets, sockets, Transparent Ready	> Riser ducting offer > Fixing devices with quick adjustment > Cable ducts > Installation accessories > Fire barriers > Plug on Isolator DB

- **KT - Power transmission and distribution from 800 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	IpK standard	IpK optional	Ui	Length of components	Number of conductors	Branching centre to center distance	Rated current	Protection type	
800 A 1000 A 1250 A 1600 A 2000 A 2500 A 3200 A 4000 A 5000 A	64 kA 110 kA 143 kA 143 kA 154 kA 176 kA 189 kA 198 kA 209 kA	73 kA 143 kA 187 kA 242 kA 248 kA 248 kA 264 kA 264 kA	1000V	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, sockets, Transparent Ready	> Power supply ends > Direction change angles and T-pieces > Fixing devices and fuses

CANALIS for lighting and low power distribution

• KDP - Flexible busbar trunking, for lighting and low power distribution 20 A

IP 55, halogen-free

Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Inc	l _{pk}	U _i	Length of components	Number of conductors	
20 A	3,6 kA	690V	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	<ul style="list-style-type: none"> > Fixing devices for all supports > Factory-built connections

• KBA - Rigid busbar trunking for lighting (able to support light fittings) and low power distribution 25-40 A

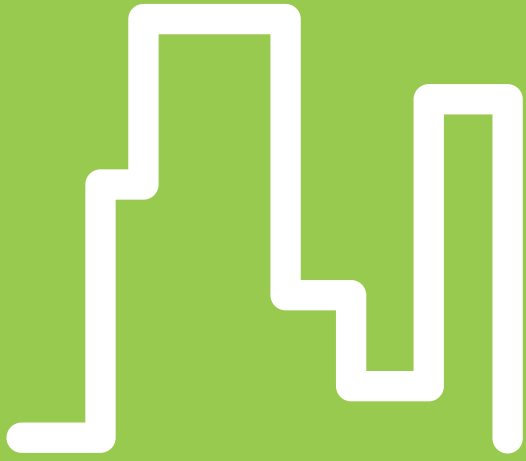
IP 55, IK10, halogen-free, pre-lacquered white (RAL9003)

Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Inc	l _{pk}	U _i	Length of components	Number of conductors	
25 A 40 A	4,4 kA 9,6 kA	690V	2m and 3m	2 or 4 + PE	0.5m, 1m or 1.5m	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	<ul style="list-style-type: none"> > Flexible components > Fixing devices with quick adjustment > Remote control bus (DALI, DSI) > Cable ducts > KBL light fittings

• KBB - Rigid busbar trunking for lighting (able to support light fittings) and low power distribution 25-40 A

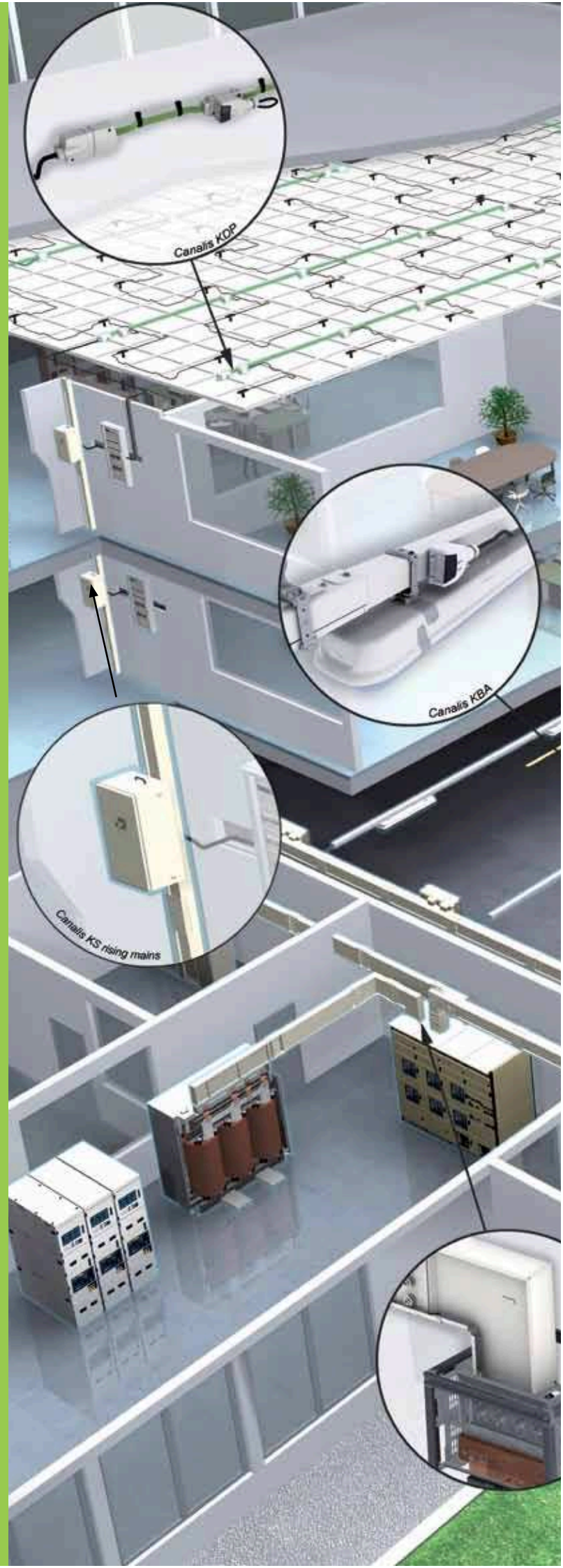
IP 55, IK10, halogen-free, pre-lacquered white (RAL9003)

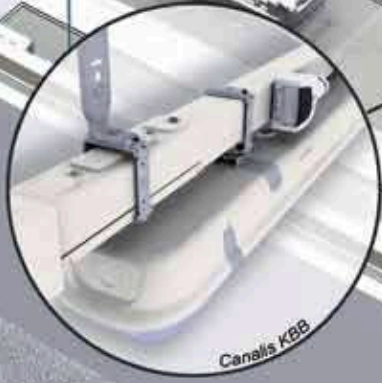
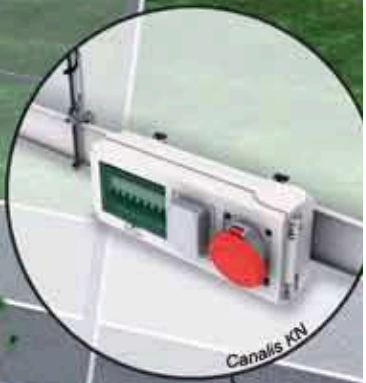
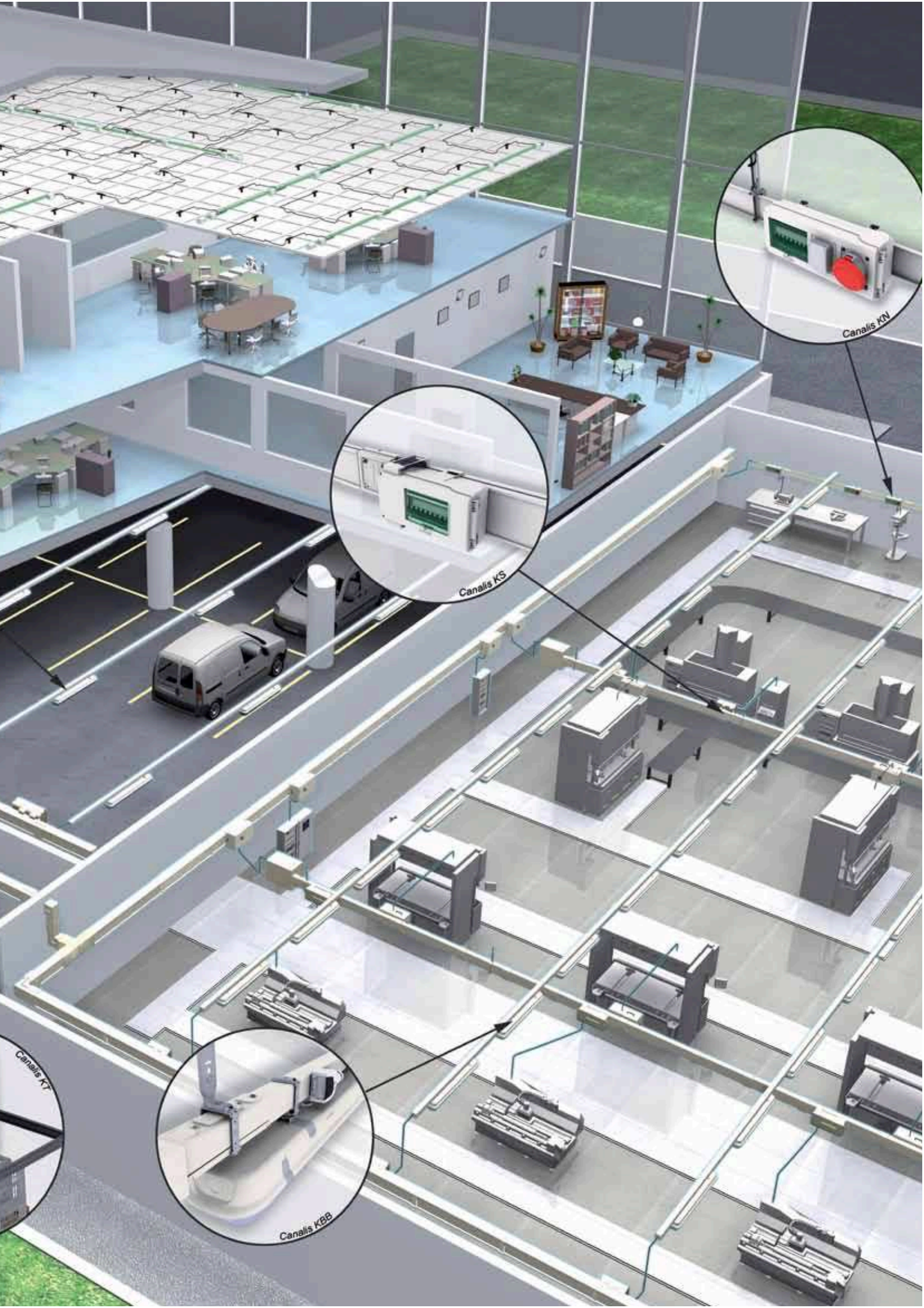
Rated service current	Permissible rated peak current	Rated insulation voltage	Line components			Branching points		Accessories
			Inc	l _{pk}	U _i	Length of components	Number of conductors	
25 A 40 A	4,4 kA 9,6 kA	690V	2m and 3m	Single circuit 2 or 4 + PE Dual circuit 2 + 2 + PE 2 + 4 + PE 4 + 4 + PE	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	<ul style="list-style-type: none"> > Flexible components > Fixing devices with quick adjustment > Remote control bus (DALI, DSI) > Cable ducts



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CANALIS for power transmission and distribution

• KN - Power distribution from 40 to 160 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 _{pk}		U _i	Length of components	Number of conductors	Branching centre to center distance	Rated current	
40 A 63 A 100 A 160 A	6 kA 11 kA 14 kA 20 kA		500V	2m and 3m	4 + PE	0.5m, 1m or 1.5m	16 A to 63 A (plug-in)	Units for modular circuit breakers, fuses and sockets	<ul style="list-style-type: none"> > Flexible components > Fixing devices with quick adjustment > Remote control bus > Cable ducts > Installation accessories

• KS - Power transmission and distribution from 100 to 1000 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 _{pk}		U _i	Length of components	Number of conductors	Branching centre to center distance	Rated current	
100 A 160 A 250 A 400 A 500 A 630 A 800 A 1000 A	15,7 kA 22 kA 28 kA 49,2 kA 55 kA 67,5 kA 78,7 kA 78,7 kA		690V	3m, 5m and additional or customized components	4 + PE	0,5 m or 1 m on each side	25 A to 630 A (plug-in)	Units for circuit breakers (modular, Compact NSX), fuses, sockets, Transparent Ready	<ul style="list-style-type: none"> > Riser ducting offer > Fixing devices with quick adjustment > Cable ducts > Installation accessories > Fire barriers

• KS Rising mains - Power distribution from 100 to 1000 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 _{pk}		U _i	Length of components	Number of conductors	Branching centre to center distance	Rated current	
100 A 160 A 250 A 400 A 500 A 630 A 800 A 1000 A	15,7 kA 22 kA 28 kA 49,2 kA 55 kA 67,5 kA 78,7 kA 78,7 kA		690V	0.5m, 0.8m, 1.5m, 2m, 2.5m	4 + PE	0.5m	25 A to 630 A (plug-in)	Units for circuit breakers (modular, Compact NSX), fuses, sockets. Transparent Ready	<ul style="list-style-type: none"> > Riser ducting offer > Fixing devices with quick adjustment, > Cable ducts > Installation accessories > Fire barriers > Plug on Isobar DB

• KT - Power transmission and distribution from 800 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 _{pk} standard optional		U _i	Length of components	Number of conductors	Branching centre to center distance	Rated current	
800 A 1000 A 1250 A 1600 A 2000 A 2500 A 3200 A 4000 A 5000 A	64 kA 110 kA 110 kA 143 kA 143 kA 154 kA 176 kA 189 kA 198 kA 209 kA	73 kA 143 kA 143 kA 187 kA 242 kA 248 kA 248 kA 248 kA 264 kA 264 kA	1000V	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. Transparent Ready	<ul style="list-style-type: none"> > Power supply ends > Direction change angles and T-pieces > Fixing devices and fuses