Industry wise application of Busbar Trunking System

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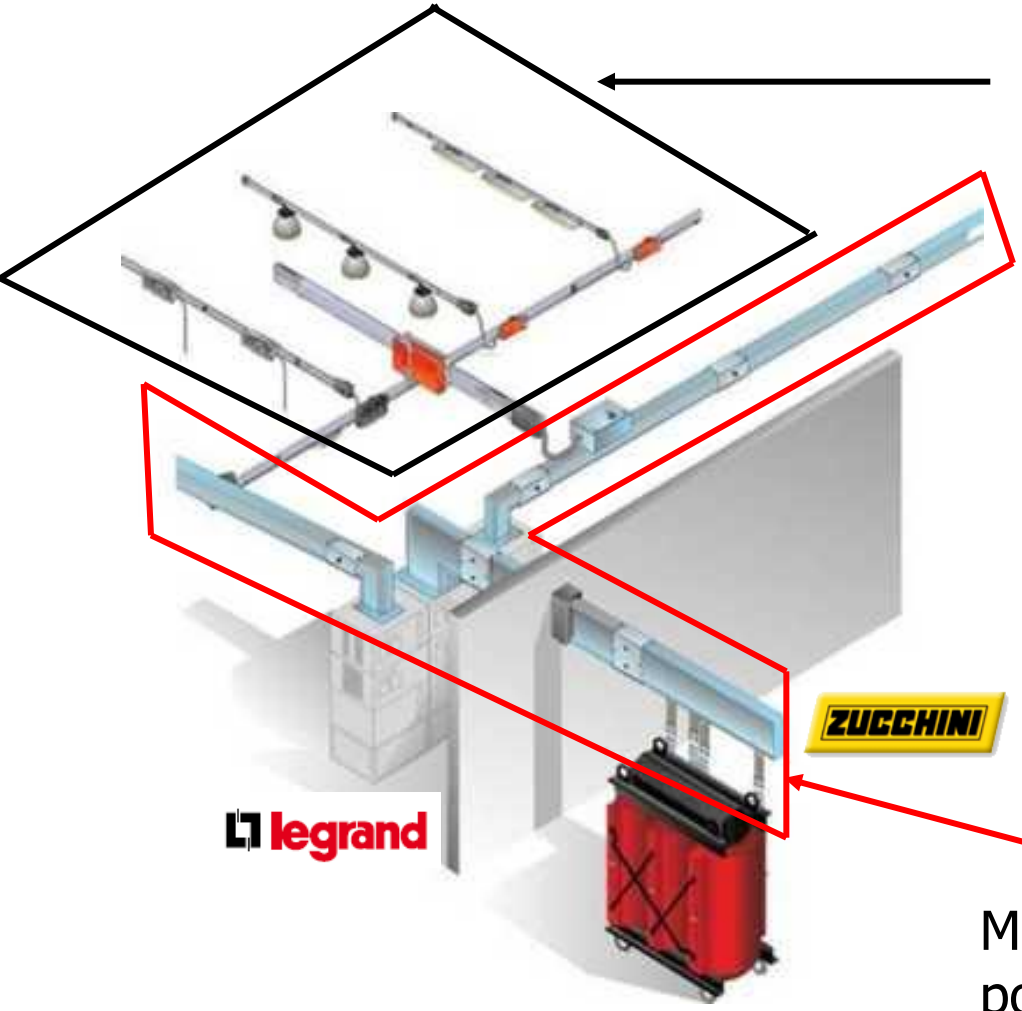
Power distribution system



Distribution of energy

Method of distributing electrical power from the main supply to the electrical circuits

Energy Feeders

Mainly employed for point-to-point power transfer

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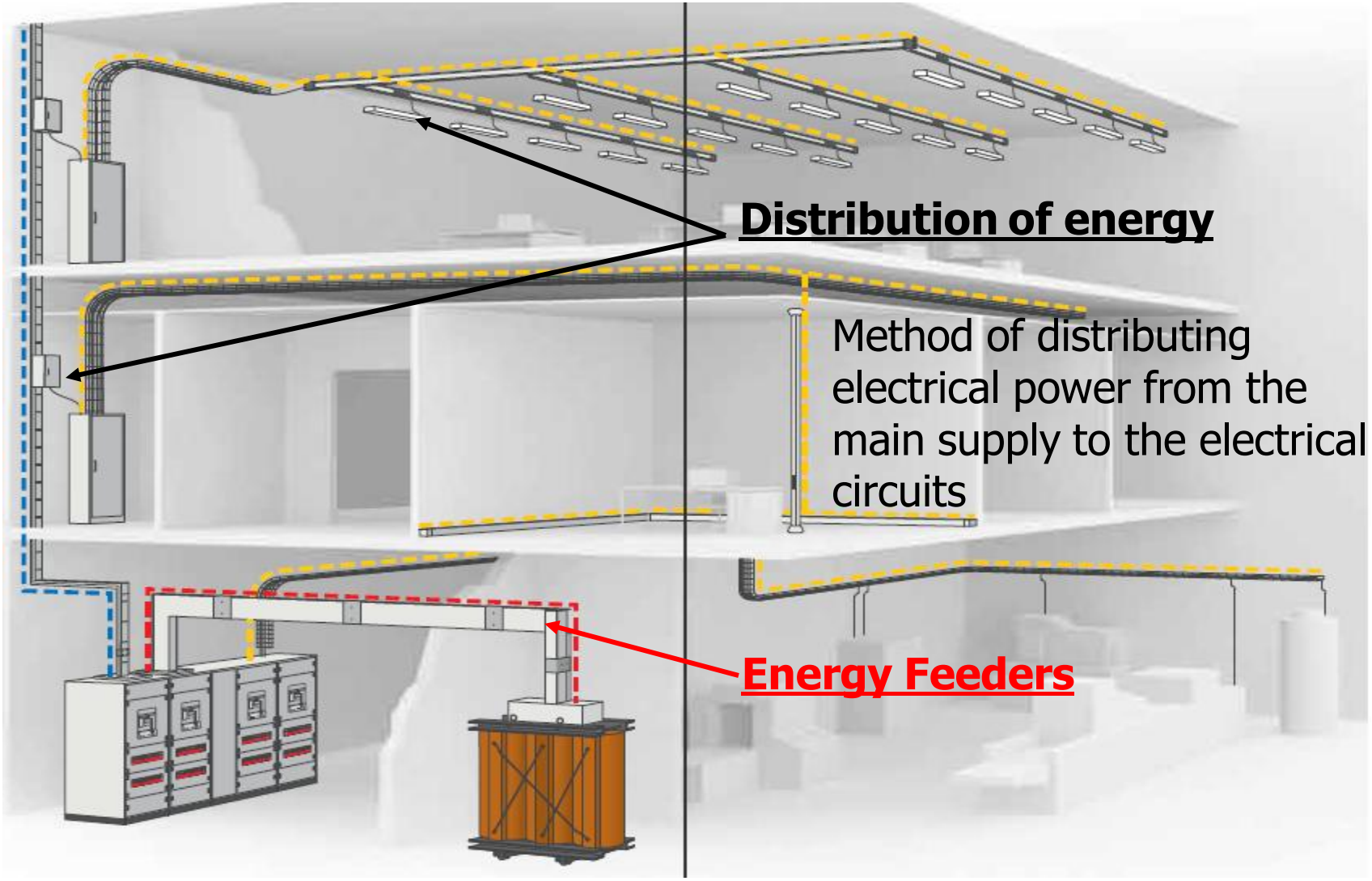
Power distribution system



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Transformer connection

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Transformer connection

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Substation feeder connection

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Substation feeder connection

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Direct termination in LT Panel

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DG end connection

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DG end Connection

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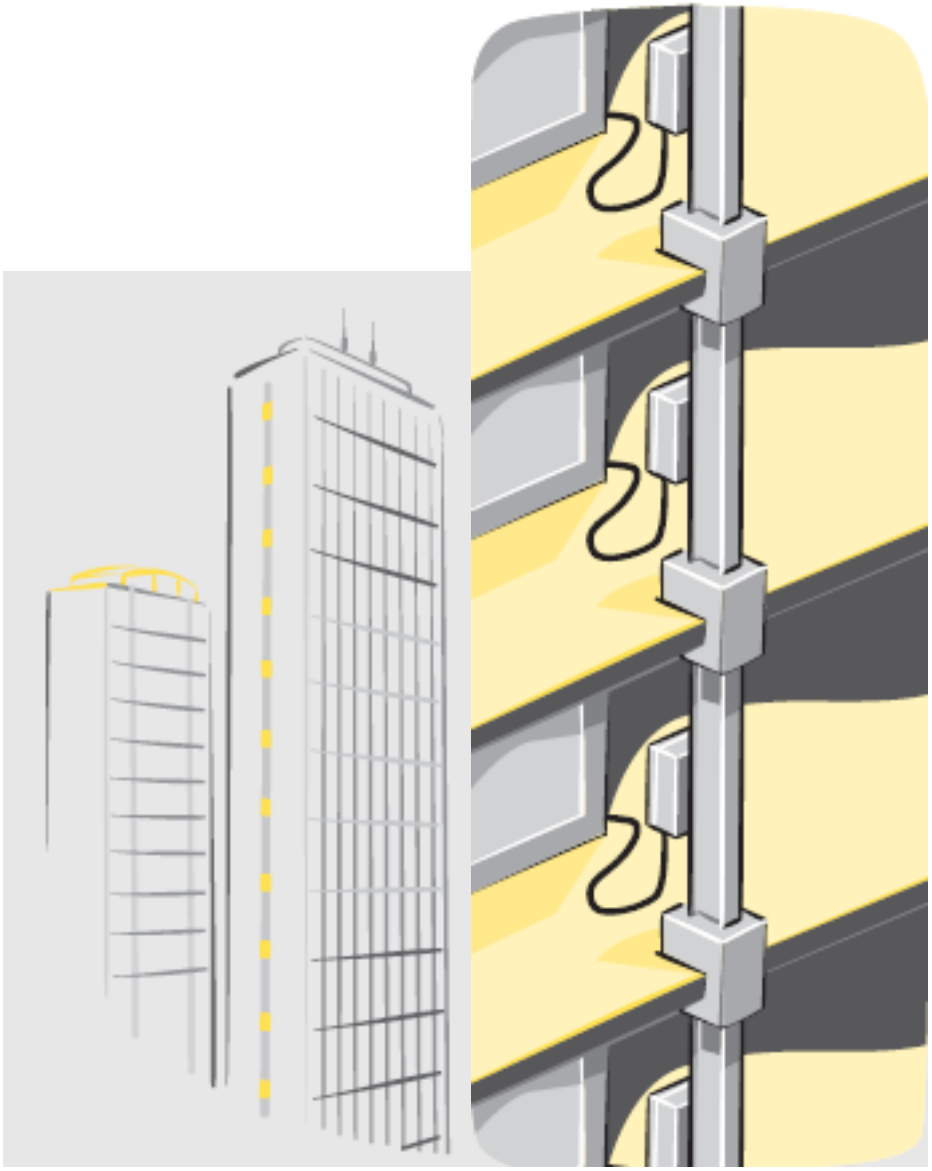
Rising main or Vertical application

This is an excellent solution for all high rise buildings; residental or commercial towers, hospitals and office towers which have power distribution on every floor.



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Rising main or vertical distribution

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Rising main Tap off Box with MCCB

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Distribution of power in Industries

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Distribution in testing Laboratory

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Distribution in DATA Centre

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Distribution in DATA Centre

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Distribution in Garment Industry

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Distribution in Garment Industry

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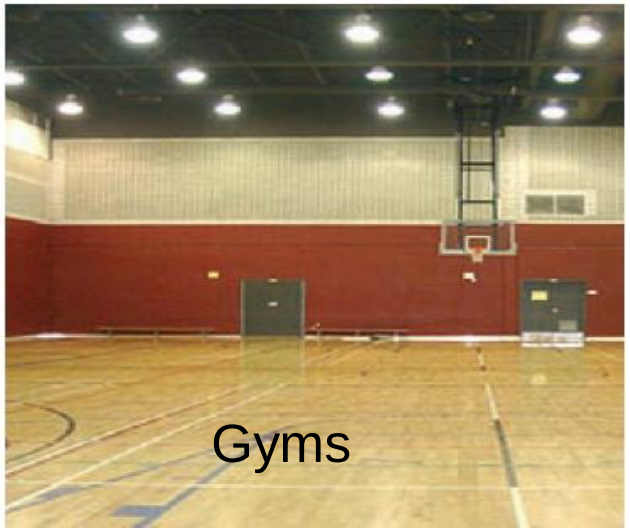
Distribution of energy- commercials building


Gyms


Car Parks


Shopping Centres

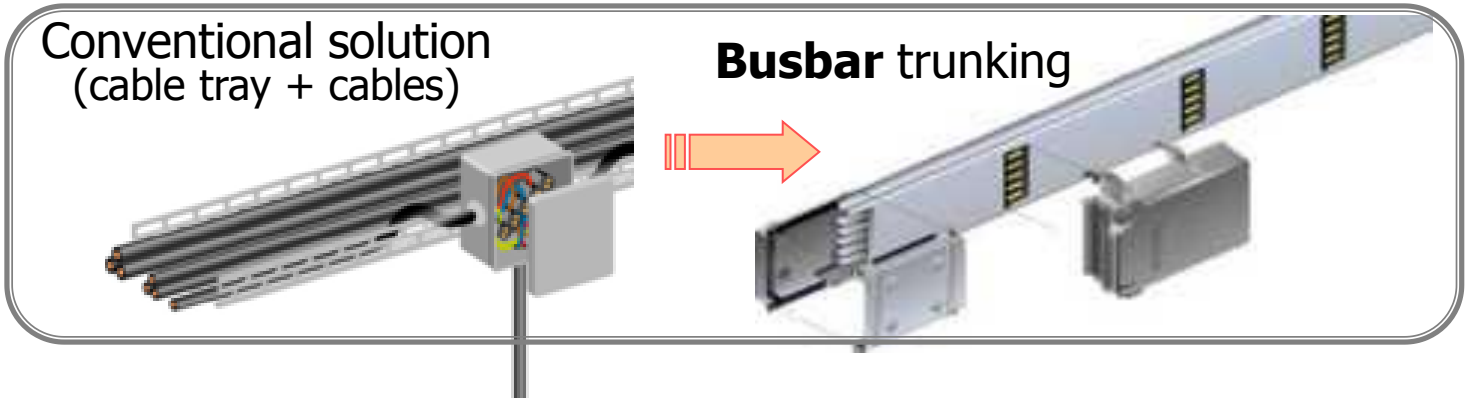

Office


Hospital

Why Busbar Trunking ?

- Is the **most advanced solution** for distributing low, medium & large power

- It is a **quick, easy, flexible & compact** electrical distribution system designed as an alternative to conventional methods of distribution, which is done with the cable



Benefits – Zucchini Busbar Trunking

Zucchini Busbar Trunking System offers:

- Flexibility
- Quick Installation
- Reduced Dimension
- Easy to rate
- Fail-Safe Behaviour

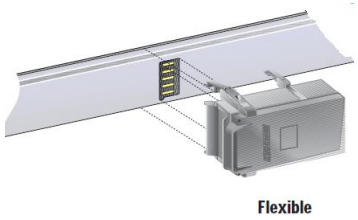
Benefits – Zucchini Busbar Trunking

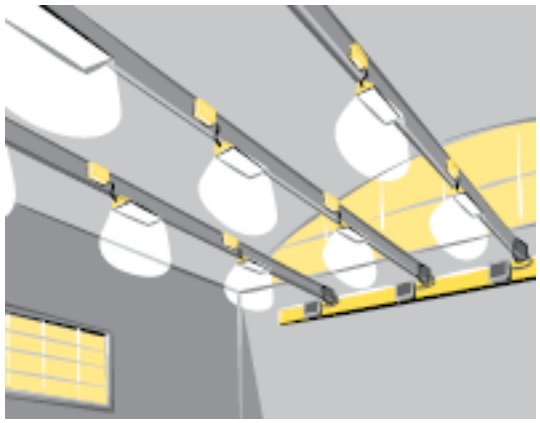
Flexibility

- With the use of tap-off outlets situated on the straight lengths, the busbar trunking systems provide high levels of flexibility
- In case of low power rating: Tap off points at regular intervals allow power to be taken off even under live condition
- No more point-to-point connections but just one power distribution system

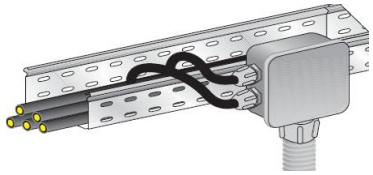
HIGH LEVELS OF FLEXIBILITY IN A ELECTRIC SYSTEM

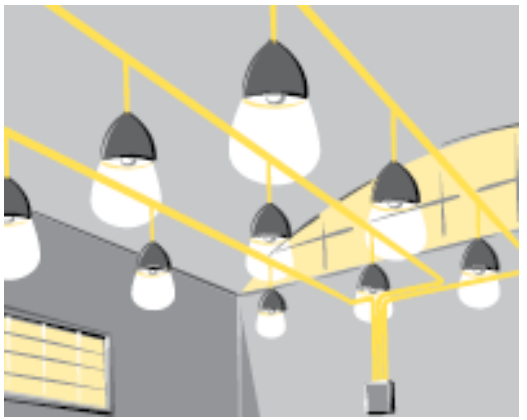
Busbar connection





Cable connection



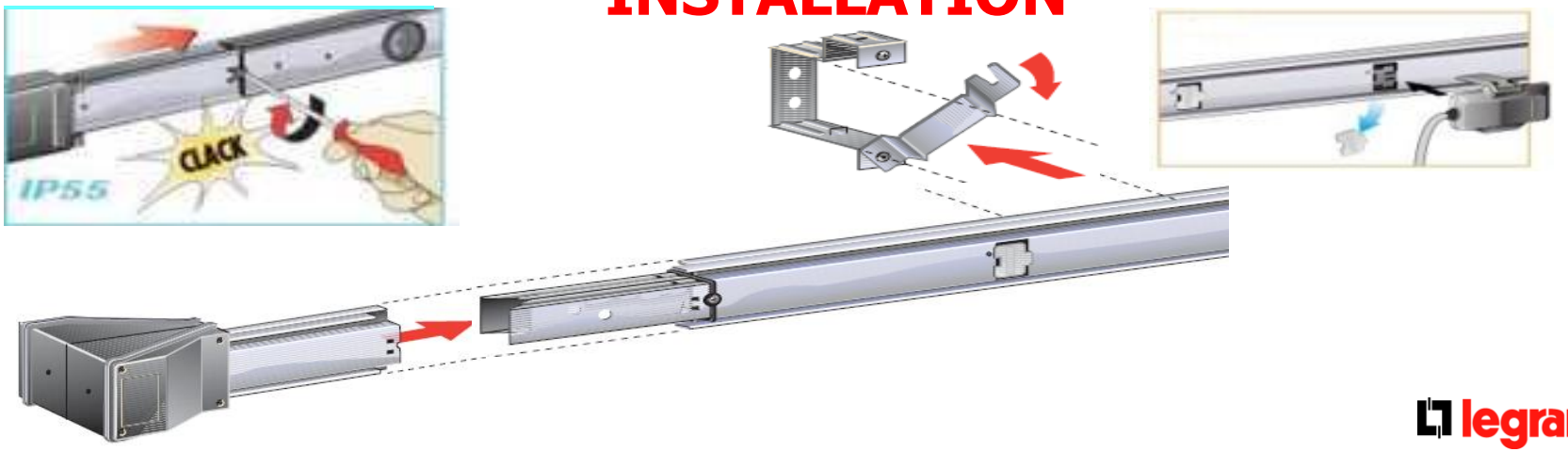


Benefits – Zucchini Busbar Trunking

Quick Installation

- Zucchini's jointing systems have been made and designed to allow easy installation of busbar trunking systems
- When using a traditional cable system, the time needed to install only one cabletray is equal to the same time needed to install a complete system in a busbar trunking system
- This is why the time to install a busbar trunking system is obviously shorter than a similar traditional cable installation

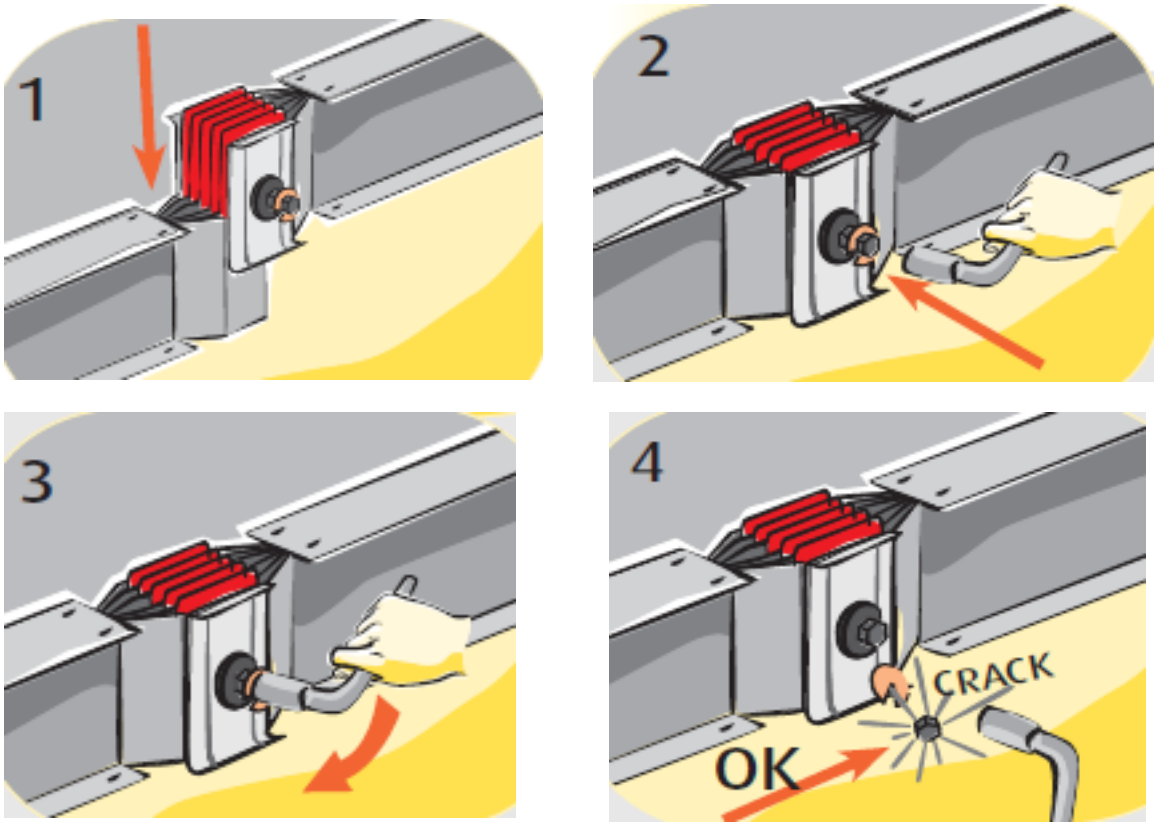
WITH BUSBAR YOU HAVE EASY AND QUICK INSTALLATION



Benefits – Zucchini Busbar Trunking

Quick Installation

- A simple, easy and quick example of connection between our two elements

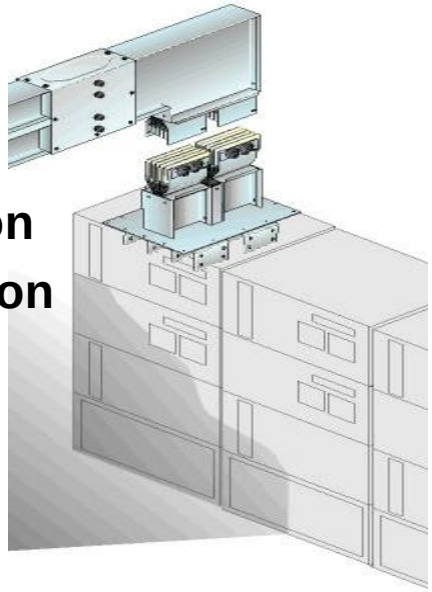


Benefits – Zucchini Busbar Trunking

Quick Installation

→ Busbar or Cables…???

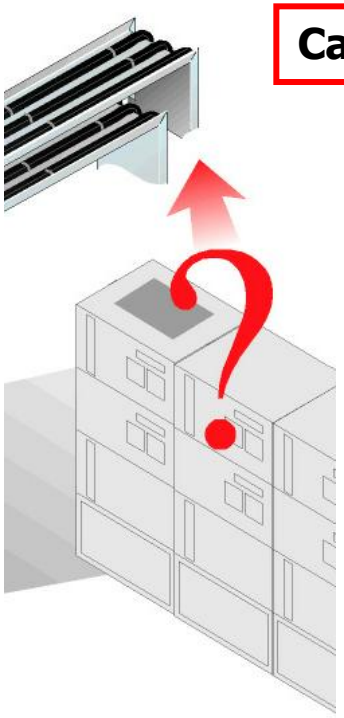
Busbar



Quick Tremination

Proper Termination

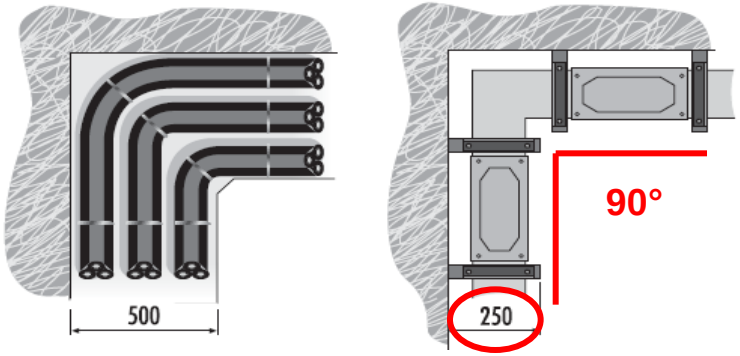
Cables



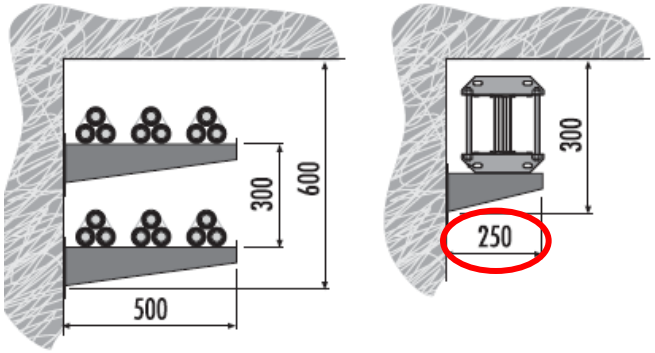
Benefits – Zucchini Busbar Trunking

Reduced Dimension

- The overall dimensions of busbar trunking systems are generally smaller than an equivalent traditional cable installation
- Busbars dimensions are **twice smaller** than cable tray ones:



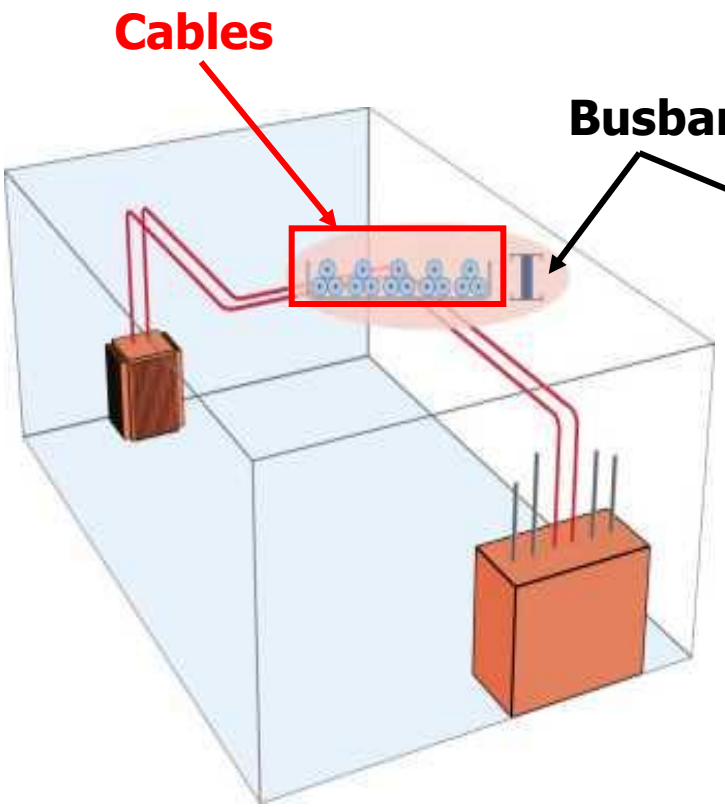
WITH BUSBAR YOU SAVE THE SPACE



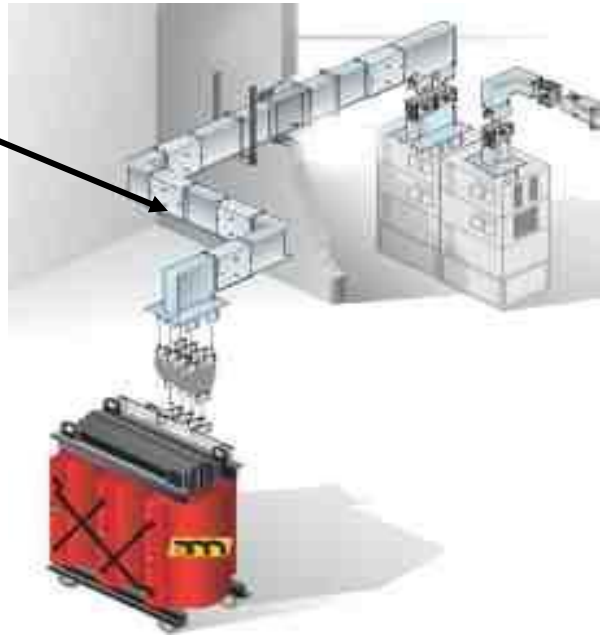
Benefits – Zucchini Busbar Trunking

Reduced Dimension

→ Busbar or Cables...???



In this simple case is possible to see a great difference between instalations in cable and in busbar system.



Benefits – Zucchini Busbar Trunking

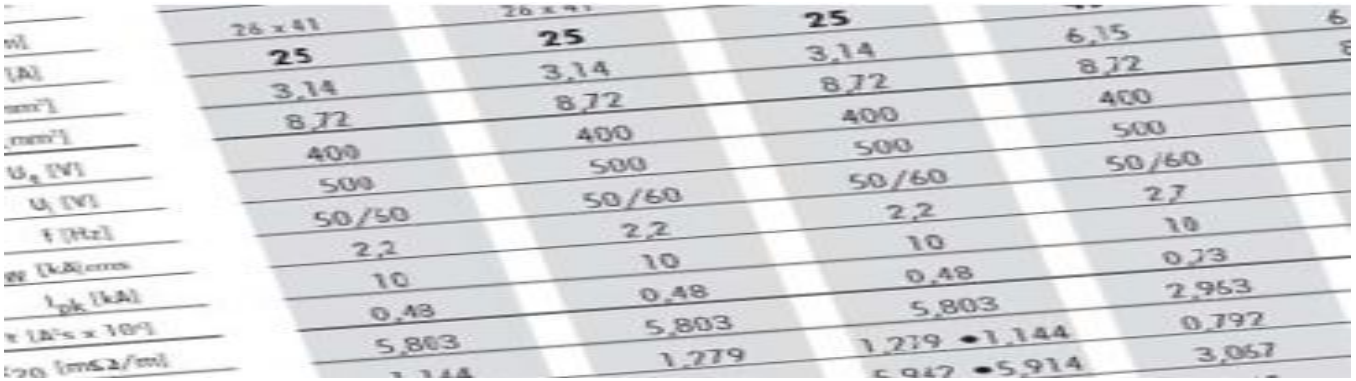
Space saved

Benefits – Zucchini Busbar Trunking

Easy to Rate

- The electrical rating of busbar trunking systems is carried out by Zucchini in compliance with the product Standards
- The rated current of Zucchini's busbars is guaranteed for room temperatures at 40°C (the Standard requires 35°C)
- Easy to check the voltage drop as well as the protection against over currents after selection.

EASY AND EFFECTIVE MANAGMENT OF ELECTRIC SYSTEM



Benefits – Zucchini Busbar Trunking

Fail-Safe Behaviour

- Plastic material used for the insulating parts of busbar trunking systems are always of the self-extinguishing type

- Low smoke emission (Halogen Free)

GREAT SAFETY AND STABILITY FOR YOUR ELECTRIC SYSTEM

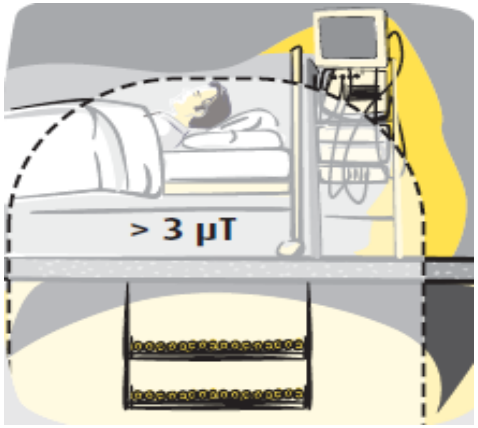
Benefits – Zucchini Busbar Trunking

Fail-Safe Behaviour

- Low electromagnetic emission

When the current has to be distribuited in installations with the presence of people and/or sensitive equipment, the BUSBAR system is by far the best choice because of the much lower level of electromagnetic emissions compared to those produced by cables of equivalent rating.

Busbar



Cable

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Thank you

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