



Function — a Siemens  
partner on Busbar  
Systems



# About Function

Formerly known as Micro  
Matic

40+ years of experience with engeneering and  
delivering Busbar Systems

18+ years as Siemens partner on Sivacon Busbar  
Systems

The largest busbar organization in the Nordics

- Local sales organization
- Local engeneering competence
- Local service and support



In strong cooperation with Siemens we are a **competent** and **customer oriented** busbar supplier, focusing on quality, optimized solutions and precise deliveries



# Busbar systems in data center operations

## Data center risk factors

- Power failures can have serious consequences
- Operational safety and system availability are high priorities for power distribution
- A reliable and continuous power supply is a substantial cost factor

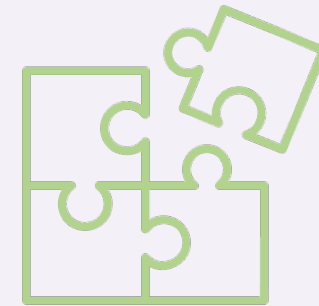
# Busbar systems in data center operations

## Why choose busbars?



### **Innovative:**

The alternative to conventional cables



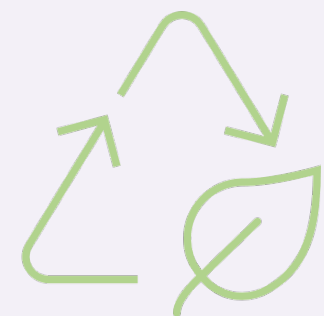
### **Highly available and flexible:**

Busbar trunking systems are the preferred solutions in data centers



### **Optimized maintenance:**

Prevent Downtime with maintenance free busbars



### **Sustainable:**

Resource saving, reusable and easy to recycle

# Busbar systems

A cost-effective and flexible solution

Reliable and safe

- In accordance with IEC 61439-1/-6
- Factory-tested to ensure high quality
- High short-circuit withstand strength
- Low fire load

Efficient and flexible design

- Compact, space saving design
- 90° angle, no bending radius
- High system flexibility for planning and operation
- High flexibility – variable tap-off units
- Retrofits and upgrades without interrupting operations

Sustainable power distribution

- Optimized use of materials and durable components
- Resource-saving
- Can be dismantled and reused
- Easy to recycle
- Extremely low electromagnetic radiation
- Helps reduce carbon footprint



# Busbar systems

Solutions for gray space and white space  
Solutions for indoor and outdoor areas

in data centers

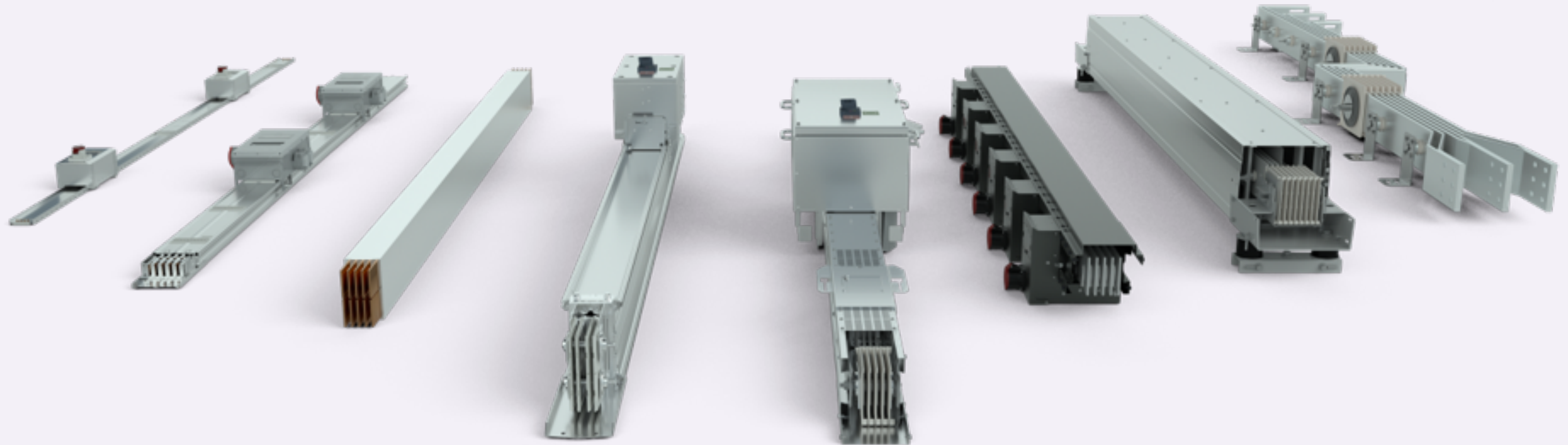
AC: 440V – 1000V

DC: 400V – 1500V

In: 40A – 6300A

IP34 – IP68

Tap-off units up to 1250 A



# LData busbar

## Your benefits at a glance

Highly available and flexible – a busbar trunking system designed for data centers

With a current of up to 2500 A, LData meets your future needs today.

It's design is especially flexible: The compact and modular tap-off units can be plugged along the entire length of the busbar run without a fixed grid, i.e. up to every 60 cm, to suit the width of your server racks.



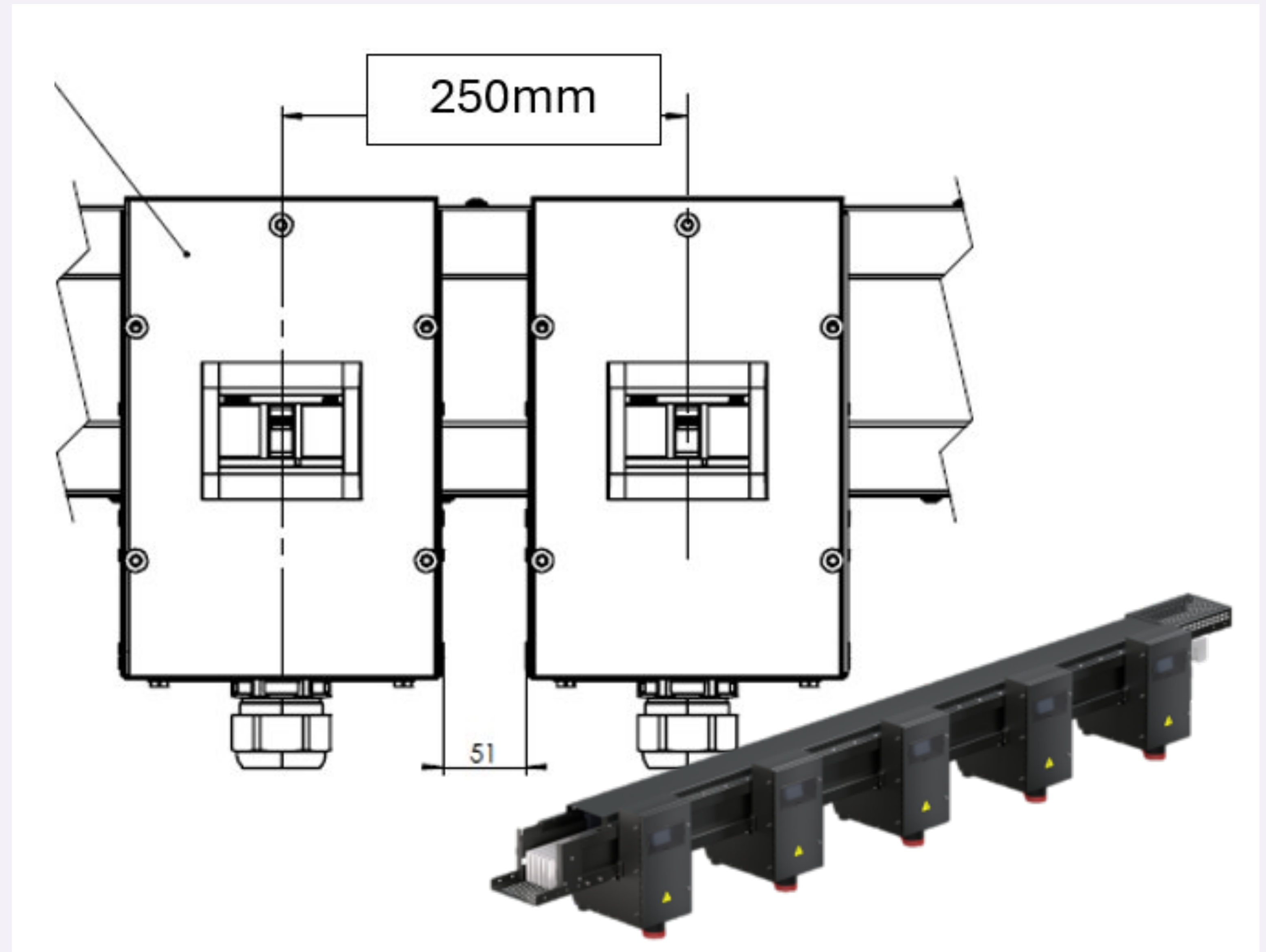


# LData busbar

## Your benefits at a glance

### LData components:

- Incoming cable connection units
- Straight trunking units from 1 to 3 m
- Cubic tap-off units
- L-shaped tap-off units
- U-shaped tap-off units
- Tap-off 80kW/160kW per 250mm
- Tap-off up to 640kW per 1m







# Thank you!

Come find us at booth 1 or visit  
[function.no](http://function.no)