

Total performance – easier and faster than ever

Presenting Linergy Evolution busbars up to 4000 A

Schneider
Electric™

Lineryg Evolution



Putting the latest
technological innovation
in your hands

Linery Evolution

a breakthrough in busbar systems

**Safe, reliable
and flexible with
the highest level
of performance.**

Schneider Electric's Prisma Plus™ is one of the leading switchboard enclosure systems on the market. Designed for use with Prisma Plus, the new Linery Evolution™ busbar system now includes horizontal busbars, for greater electrical switchboard enclosure performance, reliability, and cost-effectiveness.

Manufactured using a revolutionary process, patented Linery Evolution busbars are unique on the market, taking your electrical switchboard installations a giant leap into the future.



Discover how
Linery Evolution
can place the
next generation
of low-voltage
switchboards in
your hands.



Innovative technology

from an energy expert you can trust

Patented Linergy Evolution is backed by Schneider Electric's decades of expertise in electrical distribution systems and is certified IEC61439-2 compliant by ASEFA.

Linergy Evolution's unique profile

was designed with the ratings and capacity you need, a commitment to performance backed by regular testing up to 4000 A.

Heat is dissipated by conduction

and radiation for performance only a market leader like Prisma Plus can bring you.

Linergy Evolution busbars performances

and conductivity are identical or even better than traditional all-copper busbars.

Unlike tin-plated aluminum busbars,

rugged Linergy Evolution busbars are resistant to scratching during assembly to ensure optimal connection quality and reliability.



High Velocity Oxy-Fuel, unique on the busbar market

Patented Linergy Evolution uses a supersonic high-temperature coating process for a robust copper contact surface.

A revolutionary design for greater efficiency

The Linergy Evolution line now includes horizontal busbars, helping you achieve better electrical switchboard performance while optimizing busbar layout and facilitating assembly.

Schneider Electric™ has drawn upon 30 years of expertise in electrical distribution systems and a decade of hands-on experience with the proven and reliable Linergy line of products. It brings you a revolutionary design featuring a high-quality copper contact surface that delivers even better results than traditional copper-to-copper connections.

Linerger Evolution busbars offer a number of benefits to help you enhance performance and boost your competitiveness.

Lightweight

Linerger is half the weight of equivalent-rated copper bars for more fuel-efficient transport, easier handling, and smoother installation.

Higher-capacity

A single Linergy Evolution bar can withstand ratings up to 4000 A. It would take two or three copper bars per pole to achieve similar ratings.

Robust and flexible

Linerger Evolution bars are extruded for a unique profile that includes both closed and ribbed sections, improving rigidity, thermal dissipation, and resistance to short circuits, with a short-circuit withstand capacity (I_{cw}) of 100 kA/1s.

Attractive

The revolutionary copper contact strips, anodized aluminum surface, and unique shapes give a modern appearance and a soft touch.

IEC standards-compliant

The latest standards were factored in from the early design stages to ensure that temperatures are kept below the IEC61439-2 standard requirements, for optimal performance regardless of the switchboard configuration.

Environmentally-friendly

Instead of increasingly-scarce copper, Linergy Evolution is made from 70% recycled raw materials offering the same performance as primary raw materials.

Cost-effective

Linerger Evolution helps you achieve cost savings now and provides protection against fluctuating copper prices in the future, plus all the advantages of a raw material that is easy to purchase and store.



Boost Prisma Plus capacity
from 3200 A
to 4000 A

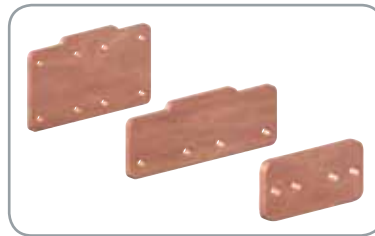
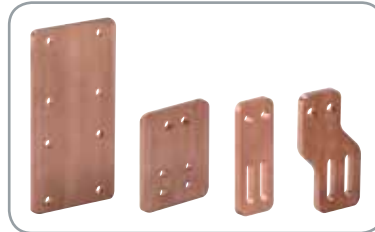
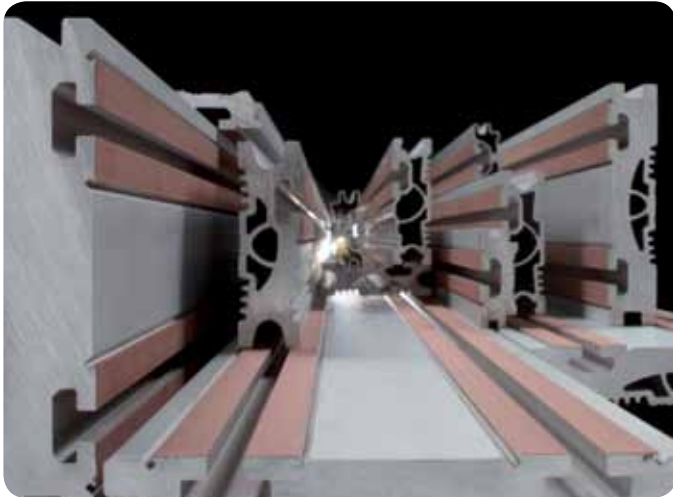
Increase short-circuit
withstand capacity
from 85 kA/1s
to 100 kA/1s

Linerger Evolution is
50% lighter
than copper

Reduce **costs**
and **assembly**
times over
copper busbars

Lineryy accessories are also evolving!

Lineryy Evolution is a full-featured busbar system that includes all the connections, screws, bolts, isolating supports, and other accessories you need for drill-free assembly.



Panel builders, we've thought of everything to make your life easier!

- Lineryy Evolution busbars are lightweight, making them easy to transport and handle in the workshop.
- With Lineryy Evolution, you can continue to use the familiar Prisma Plus busbar supports you already know for flat copper bars. There's no new system to learn.
- Lineryy Evolution offers single bars for each rating, making handling during installation faster and more convenient.
- Lineryy Evolution bars are fast and easy to position without drilling, thanks to a sliding bolt and track system.
- Lineryy screws let you add extra outgoing connections without drilling new holes or dismantling previous connections or busbar supports, saving you time and giving you greater flexibility in the event of last-minute changes.
- Lineryy Evolution busbars offer a unique shape with no sharp edges for safer, smoother handling and installation—the bars simply slide right in to the busbar supports.
- Existing Lineryy vertical busbars are easy to connect to Lineryy Evolution with ready-to-install accessories like vertical connectors.
- Lineryy materials are easy to recycle via well-established recycling services already in use for materials like aluminum cans, coffee capsules, door and window frames, and engine blocks.



Innovating for a more sustainable future

Performance and ease-of-use are not the only benefits of Linergy Evolution. The product line also marks a giant leap forward for the environment.

Copper is an increasingly scarce natural resource. The ideal alternative solution to all-copper busbars, Linergy Evolution profiles:

- are manufactured using 48% renewable energy
- contains more than 70% recycled raw materials therefore requires 95% less energy for transformation with the same electrical characteristics
- are lightweight, requiring fewer and lighter support structures and less fuel for transportation.



Linerger
Evolution,
an innovation
that's good
for the planet.

Find more informations about Linergy Evolution in

> the new
PrismaPlus P,
2012 catalog



> schneider-electric.com
website



> Schneider Electric TV website
(<http://tv.schneider-electric.com>)



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