



HIGH-VOLTAGE FUSE-LINKS COMPACT SIZE

Proven and resource-efficient protection technology.



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The demands placed on modern energy infrastructures are constantly changing. Operators, plant engineers and manufacturers face the challenge of combining the highest level of technical reliability with a responsible use of resources.

THIS IS PRECISELY WHERE COMPACT SIZE COMES IN.

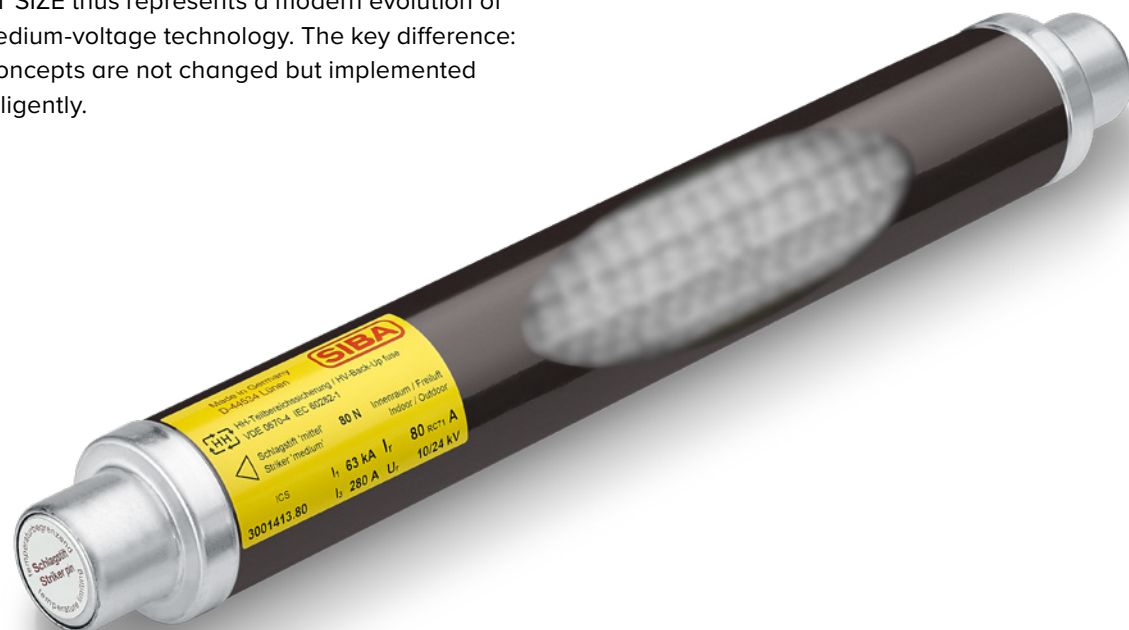
SIBA high-voltage fuse-links (COMPACT SIZE) combine the proven electrical performance and safety of standard high-voltage fuse-links with an optimized design. This results in less material used, lower weight and a more efficient use of valuable resources – and at the same time no compromises in terms of protective function, performance or compliance with standards.

COMPACT SIZE thus represents a modern evolution of proven medium-voltage technology. The key difference: existing concepts are not changed but implemented more intelligently.

Proven technology – intelligently optimized

Technological progress does not always mean reinventing what has already proven its worth. In many cases, the greatest innovation is in consistently further developing established solutions. This is precisely the approach behind COMPACT SIZE.

Due to the reduced tube diameter, the fuse-links require significantly less material, while the proven electrical characteristics, protective function and respective mounting dimensions are maintained. Users thus benefit from all the advantages of a more resource-efficient construction without having to adapt their existing applications or protection strategies.



Benefits at a glance

- ✓ up to **35% weight reduction per fuse-link**
- ✓ **reduced use** of metal, ceramics and quartz sand
- ✓ **lower resource consumption** along the value chain
- ✓ **reduced costs** for transportation, storage and handling
- ✓ unchanged electrical **performance**
- ✓ maximum **protective function and safety**
- ✓ full **compliance** with applicable standards

COMPACT SIZE verifies that resource efficiency and proven protection technology do not have to be mutually exclusive.

COMPACT SIZE fuse-links are available for selected voltage and current ratings (see table on rear).



Benefits for different sectors

FOR DESIGN AND DEVELOPMENT

Designers and developers of medium-voltage systems rely on solutions that have proven themselves in real-world applications.

COMPACT SIZE offers exactly that confidence. The proven electrical characteristics and reliable protection function remain unchanged. At the same time, the optimized design opens the door to a more resource-efficient generation of products – without having to rethink existing concepts.

FOR PURCHASING AND PROCUREMENT

Procurement decisions nowadays are no longer based just on technical specifications. Issues such as use of resources, sustainability and long-term supply capacity are becoming increasingly important.

COMPACT SIZE assists companies in meeting these requirements via a technically proven solution – reduced material usage comes together with SIBA proven quality and reliability.

FOR TRANSFORMER AND EQUIPMENT MANUFACTURERS

Modern production plant is increasingly being assessed holistically. Resource efficiency and sustainability aspects also play a role in addition to performance and safety.

COMPACT SIZE is a solution that supports these requirements while seamlessly integrating into existing plant and equipment designs.

FOR GRID OPERATORS AND ENERGY PROVIDERS

The expansion and enhancement of energy infrastructure require components that are both high-performance and forward-compatible.

COMPACT SIZE combines proven medium-voltage protection with reduced material usage, thereby contributing to the resource-efficient development of infrastructure – with no compromises in terms of safety and reliability.

RANGE EXPANSION FOR 17.5 KV

The COMPACT SIZE product range continues to grow.

This targeted expansion in the **17.5 kV** range makes the benefits of the optimized design available for further

applications in medium-voltage technology. Users thus gain additional options for upgrading to resource-efficient SIBA high-voltage fuse-links.

Now available – secondary dimension e = 292 mm

New article	Rated current	Replaces
30 255 13.20	20 A	30 221 13.20
30 255 13.25	25 A	30 221 13.25
30 255 13.31.5	31.5 A	30 221 13.31.5

Now available – standard length e = 367 mm

New article	Rated current	Replaces
30 176 13.31.5	31,5 A	30 177 13.31.5

Available SIBA COMPACT SIZE high-voltage fuse-links

Voltage	Dimension	Rated current	Article
6 / 12 kV	292 mm	63 A	30 004 13.63
17.5 kV	292 mm	20 A	30 255 13.20
17.5 kV	292 mm	25 A	30 255 13.25
17.5 kV	292 mm	31.5 A	30 255 13.31.5
17.5 kV	367 mm	31.5 A	30 176 13.31.5
10 / 24 kV	442 mm	50 A	30 006 13.50
10 / 24 kV	442 mm	100 A	30 014 13.100
20 / 36 kV	537 mm	50 A	30 016 13.50

CERTIFIED QUALITY – MADE IN GERMANY

COMPACT SIZE meets the same high quality and safety standards that users expect from SIBA.

Compliance with the relevant requirements has been verified by independent testing laboratories, and development and manufacturing take place in Germany.

SIBA also underscores its commitment to sustainable business practices through, for example, ISO 14001 certification and regular assessments by EcoVadis.



HOW TO REACH US...



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○ Company headquarters Lünen (Germany)

■ Subsidiaries

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