



**THE  
SIBA ICS®-  
SERIES!**

## **SAVE COSTS WITH RENEWABLES.**

**High-voltage, high breaking capacity fuses** with ICS® technology for enhanced cyclic stability – specially developed for use in renewable energy applications.



FUSE TECHNOLOGY



SIBA high-voltage,  
high breaking capacity fuses (HV)

## WITH UNIQUE ICS® TECHNOLOGY.

The shift from centralised electricity generation to the decentralised and distributed energy system of the future is imposing new challenges on electricity grids.

The rapidly increasing number of local feed-in and take-off points for the use of renewables – through hydro-power, wind and solar power systems as well as powerful energy storage solutions – is resulting in highly fluctuating loads within the grid.

In certain electrical components, such as HV fuses, these load changes can cause premature material fatigue, resulting in shorter maintenance intervals and the potential for sudden system failure.

### ICS® technology for greater equipment safety

To effectively protect against these loads, SIBA has developed HV fuses with innovative ICS® technology (Improved Cyclic Stability). They are fitted with an innovative melting-element that significantly increases the cyclic stability compared with conventional fuses.

Thanks to its special structure, the ICS® melting-element compensates even for strongly fluctuating thermal loads and thus also guarantees maximum functionality and durability even under challenging cyclical load currents.

## KEY ADVANTAGES AT A GLANCE.

SIBA HV fuses with ICS® technology are available for rated voltages from 6/12 kV and rated currents from 63 A and offer the enhanced stability recommended by IEC/TR 62655.



**LONGER INSPECTION  
INTERVALS**



**LONGER OPERATING  
LIFE**



**LOWER INSPECTION AND  
MAINTENANCE COSTS**



**IMPROVED PROTECTION  
AGAINST SYSTEM FAILURE**



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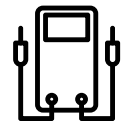
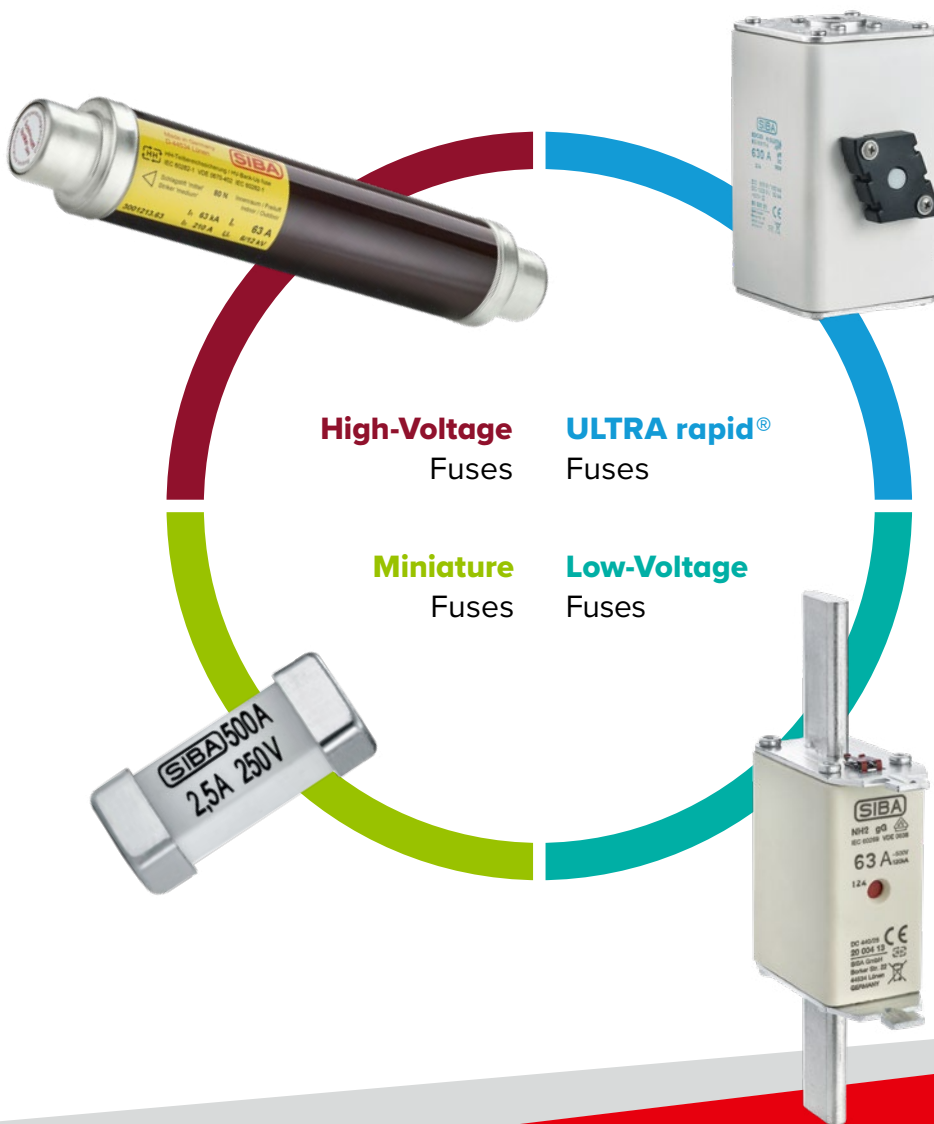
Long-lived:  
HV fuses with  
ICS® technology



**SAFER IS SAFER.**

Innovative SIBA technology

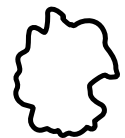
Drawing on decades of experience and in-house R&D excellence, SIBA boasts an extensive portfolio of fuses for a wide range of applications for the world of tomorrow. SIBA fuses are synonymous with reliable protection at the highest level, even under the toughest operating conditions.



**Superior safety and reliability**



**Top quality for every application**



**Made in Germany**

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