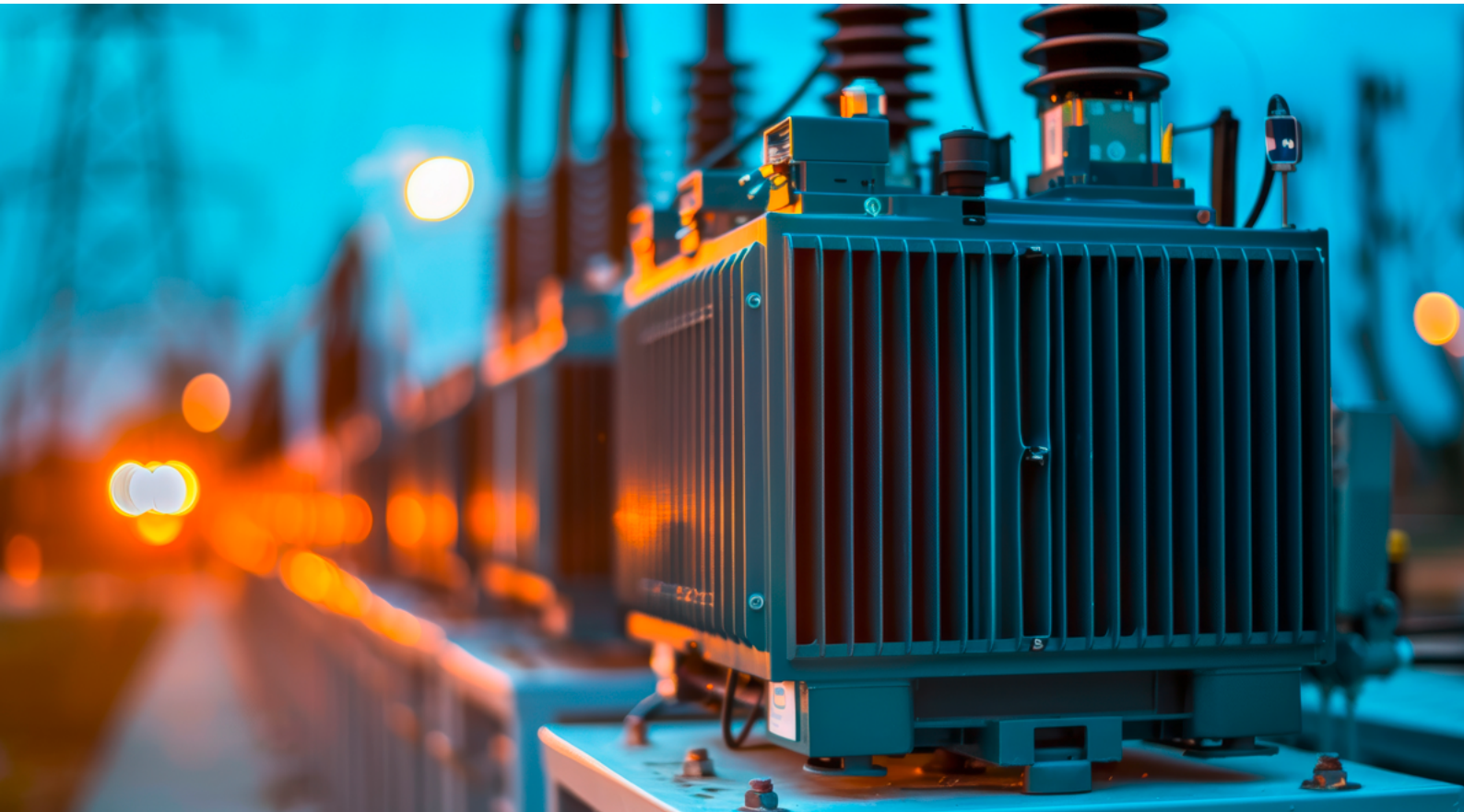


# Cable solutions for transformers

**BETAflam**<sup>®</sup> TRAF0-FLEX – Halogen-free, Flexible and Sustainable



Electricity has become an integral part of our everyday lives – it powers machines, lights up rooms and enables communication. For the energy system to function reliably, safe systems and available transformers, battery storage systems, switchgear and other low-voltage feed-in points are required. Connection and supply lines ensure optimal functionality.

## **Reliable cable solutions for the highest requirements**

Our 1-conductor and 4-conductor connection and supply cables are suitable for fixed or flexible installation under light mechanical stress in dry, damp and wet environments. The special stranded wire construction enables easy and reliable connection using standard or DIN cable lugs. There is also a secure electrical connection thanks to the ethylene-propylene rubber insulation.

## **Flexible and sustainable cables for the highest demands**

Our halogen-free connection and supply cables stand out for their high flexibility, enhanced weather resistance and optimised fire performance. Thanks to a specially developed cable sheath, they are particularly temperature- and weather-resistant. Their durability makes them a sustainable solution for modern energy infrastructures – safe and dependable in continuous operations.

## Advantages

- Excellent weather resistance
- Halogen-free and flame retardant
- Compact stranded conductor design
- Suitable for standard or DIN cable lugs
- Cross-linked EPR insulation
- D<sub>ca</sub>-s1,d2,a1 classification
- Reliable electrical connection
- High flexibility

### Swiss quality and customized solutions

Thanks to our high manufacturing depth and proven Swiss quality, we are able to offer tailored solutions for specific requirements.

### Safe cables for enhanced fire protection

The safety and availability of technical systems are becoming increasingly important. Stricter fire protection regulations require innovative solutions. The cross-linked insulating materials used in our **BETAflam**® cables ensure high operational safety – even in short-circuit conditions. Specially developed, these cables make a vital contribution to fire prevention and meet the latest requirements of modern electrical systems.

**Trust Studer Cables – for safe and reliable low-voltage feed-in points.**



## Connection and power supply cable

	Nominal voltage	Temperature range (Continuous operation)	Cross sections	Certifications
<b>BETAflam</b> ® TRAFO-FLEX 1-core	600 / 1000 V	90 °C	1 × 95 mm <sup>2</sup> to 1 × 630 mm <sup>2</sup>	D <sub>ca</sub> s1, d2, a1
<b>BETAflam</b> ® TRAFO-FLEX 4-core	600 / 1000 V	90 °C	4 × 1 × 95 mm <sup>2</sup> to 4 × 1 × 300 mm <sup>2</sup>	D <sub>ca</sub> s1, d2, a1



Further information can be found in our data sheets on our website: <https://studercables.com/en/products/>

In addition to first-class products, Studer Cables offers comprehensive advice, precise calculations and other services. If you have any questions, please do not hesitate to contact us personally.

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