IKI-Split-Core Transducer: IKI-LUG_1500 92 mm

IKI-LUG are directional transducers specially designed for use with corresponding devices of the IKI series. They are easy to mount and can be quickly connected to the devices via suitable connection cables.

Features

- plug-in connection cable for easy installation
- marking of load flow direction
- easy opening and closing due to pressure lock
- fixing to cable with cable tie
- insertable on C-cone bushings together with bushing sleeves

Versions

Item number	Description
2512105_H001	IKI-LUG_1500 Split-Core Transducer with cable tie (set) | Ø 92mm
2512105_H003	IKI-LUG_1500 Split-Core Transducer for C-Cone-Bushings (set) | Ø 92mm
2512105_H004	IKI-LUG_1500 Split-Core Transducer for SIEMENS-Bushings (set) | Ø 92mm

Technical Data

General data

Article number	IKI-LUG1500
Product designation	IKI-LUG_1500 Split-Core Transducer | Ø 92mm
Usable with	IKI-22, IKI-23

Operating conditions

Protection class	IP54

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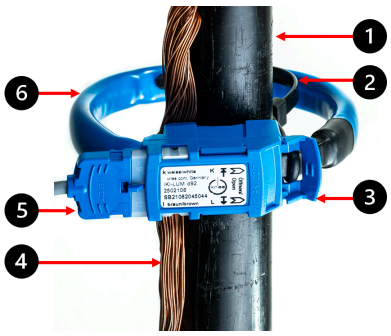
IKI-Split-Core Transducer: IKI-LUG_1500 92 mm

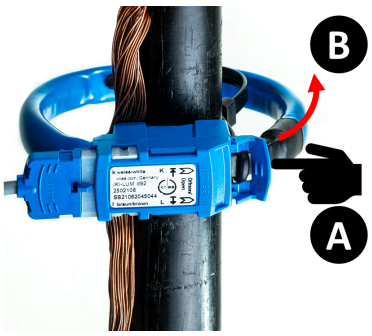
Applicable at nominal frequency	50 Hz, 60 Hz
Inner diameter	92 mm
Transmission ratio	1500 / 1
Load power	0.2 VA @ 600 A
Thermal maximum current	27 kA
Maximum continuous thermal current	650 A
Insulation voltage transformer	3 kV
Directional current sensing	✓
Installation location	Screened cables, Bushing of SF6-Switchgear

Connecting Cables

Article number	Product designation
3503118_S	Connecting cable set | pluggable | Length = 3,0m
3503135_S	Connecting cable set | pluggable | Length = 5,0m
3503135_S999	Connecting cable set | pluggable | Lengths on request

Figures





Explanations to the figures:

- (1) Cable
- (2) Cable tie
- (3) Tab to open CTs
- (4) Shield return
- (5) Connector socket for connecting cable
- (6) Divisible CTs core

Assembly:

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- To open transducer core, press tab in marked direction with thumb (A) and pull core out of housing (B). Fasten CTs to cable with cable tie, close transducer core until bead engages tab.
- Orientation: "K (P1)" in direction of busbar, "L (P2)" in direction of cable
- Note shield return through current transformer.

Safety instructions:

- During installation, the five safety rules must be observed.
- The current transformers may only be placed on shielded, touch-proof cables!
- The current transformers must not be operated in open condition.
- Damaged current transformers must not be used.
- The cable shield must be fed back through the current transformers in an insulated manner for proper function.
- Please refer to the operating instructions of the respective device for further details.

Product images may differ from the product.

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