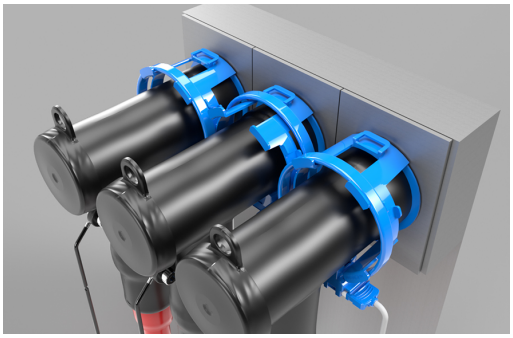
# IKI_LUM_30

## Non-Directional split-core CTs

IKI current transformers are specially designed for use with IKI fault indicators, IKI grid-controllers and IKI transformer protection devices. IKI current transformers are designed for maximum current ranges. They are easy to mount and can be quickly connected to the IKI devices via suitable connection cables.
Variant to mount on standardized bushings, type C.



## Technical Data

**General data**

| | |
|---|---|
| Article number | 2512288_H003 |
| Quantity unit | Set with 3 pieces |
| Product designation | CT IKI-LUM_30_d92 Split-Core Transducer for C-Cone-Bushings (set) \| non-directional \| for IKI-30 \| Ø 92mm |
| Usable with | IKI-30E_1_S092, IKI-30E_1_S092_DIW |

**Operating conditions**

| | |
|---|---|
| Protection class | IP54 |
| Applicable at nominal frequency | 50 Hz, 60 Hz |
| Inner diameter | 92 mm |
| Transmission ratio | 10 A / 0.002 A |
| Load power | 0.02 VA @ 10 A |
| Thermal maximum current | 23 kA |
| Maximum continuous thermal current | 600 A |
| Directional current sensing | - |
| Installation location | Bushing of SF6-Switchgear |

## Connecting Cables

| Article number | Product designation |
|---|---|
| 3503118_S | Connecting cable set \| pluggable \| Length = 3,0m |

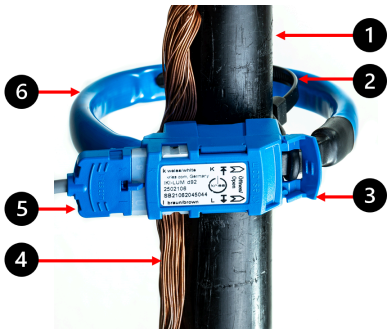
**Kries Energietechnik GmbH & Co. KG**
Sandwiesenstr. 19 | D-71334 Waiblingen
kries.com | sales.kries@te.com | (+)49-7151-7074-860

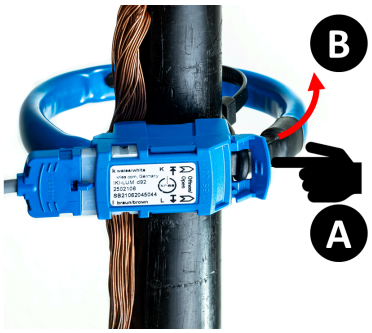


© Kries Energietechnik GmbH & Co. KG | Subject to modifications.

| Article number | Product designation |
|---|---|
| 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:**

- 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.

Figures may differ from the product.




© Kries Energietechnik GmbH & Co. KG | Subject to modifications.