



ISO 9001
OBAC/002/SZJ/20

P.H.P.U.

IZOL PLAST →

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INDEX CARD

JZ6Tb current transformer for ROK-6 type flameproof switching stations



The **JZ6Tb** current transformer is intended for use in the ROK-6 flameproof distribution bays.

JZ6Tb transformers manufactured by P.H.P.U. "Izol-Plast" Sp. z o. o. are made in the following types of gears:

- 400/200/5 A
- 300/150/5 A
- 200/100/5 A
- 150/75/5 A

The current transformer is class 3.

Construction

- The current transformer **JZ6Tb** has two windings of the primary side, enabling the use of different ratios in their appropriate configuration by serial or parallel connection of the terminals.
- The primary side winding terminals are located on the upper base of the transformer.
- The terminals of the secondary windings are located on the transformer body, at the lower base.
- The transformer body is made as a ready casting compound.
- The primary and secondary terminals of the transformer are marked as: Ka, Kb, La, Lb, as well as k and l, respectively.
- The transformer body is mounted on a metal base with an earthing terminal.



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Rated data:

- Rated primary current (I_p)	200 A / 400 A 150 A / 300 A 100 A / 200 A 75 A / 150 A
- Rated secondary current (I_s)	5 A
- Rated frequency (f_n)	50 Hz
- Rated power (S_n)	20 VA
- Accuracy class	3
- Highest working voltage (U_n)	7.2 kV
- Rated short-term thermal current (I_{th})	15 kA (100 x I_p) 10 kA (100 x I_p) 7.5 kA (100 x I_p)
- Rated dynamic current (I_{dyn})	37 kA (250 x I_p) 25 kA (250 x I_p) 18.5 kA (250 x I_p)
- Rated test voltage (U_p)	20 kV
- Rated impulse voltage ($U_{1,2/50\mu s}$)	40 kV