Transformer high current bushings
HIRIP / RTXF 36 – 200 / 26000

Permissible service current $I_r$ as a function of current transformer length ($L_6$), the surrounding oil and bus duct air temperature (acc. to dimension sheet 1ZCD061855)

Abbreviation:

- Type of insulation: RIP, Resin Impregnated Paper (Temp. class E)
- $T_{air}$ [$^\circ$C]: Air temperature inside the bus duct (daily mean)
- $T_{oil}$ [$^\circ$C]: Oil temperature (daily mean)
- $I_r$ [kA]: Permissible operating current
- $f$ [Hz]: 60

Bus conductor temperature max. 20 K above air temperature
Transformer lead temperature max. 10 K above oil temperature