

# TECHNICAL DATA

## LOW-FREQUENCY TRANSFORMER

according to system specification of Bahn "Dsv 1.561.011y v. Aug. 1963"

<b>Transformer ratio</b>	: 1 : 1,35, deviation $\leq 2 \%$	
<b>Impedance matching</b>	: ① 500:675 up to 1200:1620 $\Omega$ ② 300:405 up to 500:675 $\Omega$	} Incl. all interim values of the given ratio
<b>Frequency range</b>	: 0,3 - 3,4 kHz	
<b>Ringing voltage</b>	: 60 V / 25 Hz	
<b>Ringing current efficiency</b>	: $\geq 80 \%$ (at 60 V/25Hz)	
<b>Transmission loss</b>	: $\leq 0,26$ dB (for ①)	
	: $\leq 0,5$ dB (for ②)	
<b>Unbalance loss</b>	: $\geq 24,3$ dB	
<b>Balanced attenuation</b>	: $\geq 87$ dB (at 800 Hz)	
<b>Test voltage</b>	: 2 kV <sub>eff</sub> / 50 Hz / 10 sec.	
<b>Model</b>	: 01	03
<b>Drawing No.</b>	: WS 10108	WS 10308
<b>Article No.</b>	: 303364	303365
<b>Material No. of Bahn (new)</b>	: 174540	-----
DB Mat. No. (old)	: 62710108	-----
DR-number (old)	: 64570004	-----

Technical modifications reserved

status: 01/2017