

## Technical specifications

Data according to EN 61558-2-2		4AC3 408	4AC3 516	4AC3 524	4AC3 540	4AC3 616	4AC3 624	4AC3 640	4AC3 663
<b>Rated operational power <math>P_s</math></b>	VA	8	16	24	40	16	24	40	63
<b>Rated short-time power</b> p.f. = 0.5; t = 10 s	VA	10	18	27	48	18	27	48	80
<b>Rated operational voltage <math>U_e</math></b>	V AC	230							
<b>Operating range x <math>U_e</math></b> at 50/60 Hz		0.9 ... 1.1							
<b>Rated frequency</b>	Hz	50							
<b>Operating frequency range</b>	Hz	48 ... 62							
<b>Secondary rated voltage <math>U_{sec}</math></b> In series connection	V AC V AC	8 no	2 x 4 8	8 no	2 x 12 24				
<b>Secondary rated current <math>I_{sec}</math></b> at 4 V at 8 V at 12 V at 24 V	A AC A AC A AC A AC	no 1 no no	2 x 2 2	no 3	5	no 2 x 0.67 0.67	2 x 1 1	2 x 1.67 1.67	2 x 2.62 2.62
<b>Rated power dissipation <math>P_V</math></b> In no-load operation at rated load	VA W	3.5 2.6	10.3 4.6	8.0 2.7	13.8 6.9	8.0 3.6	13.1 6.3	8.3 5.7	23.0 10.0
<b>Hum-free</b>	Core molded	no			yes		no	yes	
<b>Protective separation</b> Creepage and clearances	mm	≥ 3							
<b>Insulation class</b>		B							
<b>Test voltage, 50 Hz, 1 minute</b> Primary against secondary winding	kV	≥ 4							
<b>Terminals</b> ± screw (Pozidriv)		1							
<b>Conductor cross-sections</b> Rigid Flexible with sleeve	mm <sup>2</sup> min. mm <sup>2</sup>	1 ... 6 0.75							
<b>Permissible ambient temperature</b> In operation	°C	-10 ... +40							
<b>Permissible humidity</b>	%	≤ 80							
<b>Degree of protection</b> acc. to EN 60529		IP20							
<b>Safety class</b> acc. to EN 61140/ VDE 0140 Part 1		II							