

## Technical specifications

		4AC3 006	4AC3 008	4AC3 016	4AC3 108	4AC3 116	4AC3 140
<b>Standards</b>		EN 61558-2-8					
<b>Approved</b> acc. to		EN 61558-2, IMQ					
<b>Rated operational power <math>P_s</math></b>	VA	8	8	16	8	16	40
<b>Rated operational voltage <math>U_e</math></b>	V AC	230					
<b>Operating range</b> at 50/60 Hz	× $U_e$	0.9 ... 1.06					
<b>Rated frequency</b>	Hz	50					
<b>Operating frequency range</b>	Hz	45 ... 65	48 ... 62				
<b>Rated secondary voltage <math>U_{\text{sec}}</math></b>	V AC	12	2 x 4		2 x 12		
• In series connection	V AC	--	8		24		
<b>Rated secondary current <math>I_{\text{sec}}</math></b>							
• At 4 V	A AC	--	2 x 1.0	2 x 2.0	--	--	--
• At 8 V	A AC	--	1	1	--	--	--
• At 12 V	A AC	0.67	--	--	2 x 0.33	2 x 0.67	2 x 1.67
• At 24 V		--	--	--	0.33	0.67	1.67
<b>Rated power dissipation <math>P_v</math></b>							
• In no-load operation	W	0.78	1.8	2.4	1.6	1.6	1.2
• At rated load	W	1.65	5	7.5	3.6	8.2	17.2
<b>Safe isolation</b>							
• Creepage distances and clearances	mm	> 3					
<b>Insulation class</b>		B					
<b>Test voltage</b> , 50 Hz, 1 minute							
• Primary against secondary winding	kV	4	> 3.75				
<b>Terminals</b>	± screw (Pozidriv)	1					
<b>Conductor cross-sections</b>							
• Rigid	mm <sup>2</sup>	1 x 6 or 2 x 4					
• Flexible, with end sleeve	mm <sup>2</sup>	0.75					
<b>Permissible ambient temperature</b>		°C -10 .... +25					
<b>Permissible humidity</b>		% ≤ 80					
<b>Degree of protection</b>	acc. to EN 60629	IP20					
<b>Safety class</b>	acc. to EN 61140/ VDE 0140-1	II					