

Technical specifications

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