

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
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 x U_e at 50/60 Hz		0.9 ... 1.1							
Rated frequency	Hz	50							
Operating frequency range	Hz	48 ... 62							
Secondary rated voltage U_{sec} In series connection	V AC V AC	8 no	2 x 4 8	8 no		2 x 12 24			
Secondary rated current I_{sec} 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
Rated power dissipation P_V 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
Hum-free	Core molded	no			yes		no	yes	
Protective separation Creepage 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 Flexible with sleeve	mm ² min. mm ²	1 ... 6 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 Part 1	II							