

Technical specifications

Data according to EN 61558-2-8			4AC3 008	4AC3 016	4AC3 108	4AC3 116	4AC3 140
Rated operational power P_s	VA		8	16	8	16	40
Rated operational voltage U_e	V AC		230				
Operating range x U_e	at 50/60 Hz		0.9 ... 1.06				
Rated frequency	Hz		50				
Operating frequency range	Hz		48 ... 62				
Secondary rated voltage U_{sec}	in series connection	V AC	2 x 4		2 x 12		
		V AC	8		24		
Secondary rated current I_{sec}	at 4 V	A AC	2 x 1.0	2 x 2.0	--		
	at 8 V	A AC	1	2	--		
	at 12 V	A AC	--		2 x 0.33	2 x 0.67	2 x 1.67
	at 24 V	A AC	--		0.33	0.67	1.67
Rated power dissipation P_V	in no-load operation	W	1.8	2.4	1.6		1.2
	at rated load	W	5	7.5	3.6	8.2	17.2
Protective separation	creepage and clearances	mm	> 3				
Insulation class			B				
Test voltage, 50 Hz, 1 minute	primary against secondary winding	kV	> 3.75				
Terminals	± screw (Pozidriv)		1				
Conductor cross-sections	rigid	max. mm ²	1.5 6				
	flexible with sleeve	min. mm ²	0.75				
Permissible ambient temperature		°C	-10 +25				
Permissible humidity		%	≤ 80				
Degree of protection	acc. to EN 60529		IP20				
Safety class	acc. to EN 61140/ VDE 0140 Part 1		II				