

Voltage range  
200~240 1AC

Product series	Rated output	Rated output current	Rated apparent power	(0,25)	(0,50)	(0,100)	(50,25)	(50,50)	(50,100)	(90,50)	(90,100)	IE class	Standby loss	Comparative losses to the reference converter at the nominal point(90, 100)	
		In	S	Relative losses pL,CDM(xx ; xxx) referring to the converter apparent power S <sub>r,eq</sub>									W		%
	kW	A	kVA	%	%	%	%	%	%	%	%				
PI500	0,75	4	1,5	3,7	3,8	4,6	3,7	3,9	4,8	4,2	5,2	IE2	3	47,2	
PI500	1,5	7	3	2,8	2,9	3,5	2,8	2,9	3,8	3,1	4,0	IE2	3	49,1	
PI500	2,2	10	4	2,4	2,5	2,8	2,5	2,7	3,1	2,8	3,8	IE2	5	52,8	
PI500	4	16	7	1,7	2,0	2,4	1,8	2,1	2,6	2,3	3,2	IE2	6	49,4	
PI500	5,5	25	9,4	1,8	2,1	2,5	1,9	2,2	2,7	2,5	3,3	IE2	7	54,9	
PI500	7,5	32	12,4	1,9	2,2	2,4	1,9	2,2	2,6	2,4	3,2	IE2	8	54,7	
				Absolute converter losses PL,CDM(xx ; xxx)											
				W	W	W	W	W	W	W	W				
PI500	0,75	4	1,5	56	57	69	56	58	72	63	78	IE2			
PI500	1,5	7	3	83	86	105	84	88	113	92	121	IE2			
PI500	2,2	10	4	95	98	113	98	106	123	112	152	IE2			
PI500	4	16	7	122	139	169	128	149	184	164	221	IE2			
PI500	5,5	25	9,4	171	195	236	181	210	258	235	312	IE2			
PI500	7,5	32	12,4	230	275	300	240	278	328	300	395	IE2			

Remarks

- 1) Pure loss data of the frequency converters without components such as the braking resistor or choke.  
Maximum ambient temperature without derating:40°C
- 2) Reference line voltage for loss data calculation :220V 1 AC/50Hz
- 3) The calculated data include a surcharge of 10%,all loss values refer to a converter output pulse frequency.

Inverter output pulse frequency	
Power(KW)	Default pulse frequency(KHz)
0.75~11	6

- 4) Rated output based on the rated output current IN
- 5) The rated output current IN is based on the load cycle fow high overload HO
- 6) In standby mode, the inverter doesn't supply power to the motor
- 7) Operating point with relative motor stator frequency[%] and relative torque current in[%]
- 8) Regarding comparative losses acc.to reference converter at the nomimal point(90,100),relative losses must be used acc.to the formula[PL.CDM(90,100)/PLRCDM(90,100)]