

ND42 servo converter

Technical specifications

Parameters	Unit	-5605	-5610	-5620
Rated supply voltage	VAC		230 / 400 V ~	
Input frequency	Hz		50/60	
Supply voltage range	VAC		400 +/- 10%	
Number of input phases			3	
Max. actual starting current	A	5	5	10
Protection (three-phase)	A	3 x 16	3 x 16	3 x 20
Power supply of signal voltage		24 VDC +/- 15%, 1 A stabilized and earthed, externally		
Leistungsaufnahme Signalspannung		24W, if no outputs are connected (additional 2,5 W per output)		
DC link voltage at rated supply voltage	V		560	
Overvoltage turn-off threshold	V		720	
Undervoltage turn-off threshold	V		180	
Rated output voltage	V _{eff}		500	
Number of output phases			3	
DC link capacity	µF	300	300	675
Power dissipation of inverter at rated current	W	100	130	260
Residual voltage drop at rated current	V		10	
Clock frequency of inverter	kHz	9,76	4,9	4,9
Rated motor current T _u = 25 °C	A _{eff}	5	10	20
Peak motor current T _k = 25 °C	A _{eff}	10	20	34
Weight compact case	kg	3,8	3,8	4,1
Dimensions compact case: 327,5 mm x 190 mm x	mm	90	90	160