

ND32

servo converter

Technical specifications

Parameters	Unit	-5605	-5610	-5620
Rated supply voltage	VAC	400	400	400
Input frequency	Hz	50/60	50/60	50/60
Supply voltage range	VAC	400 +/- 10%	400 +/- 10%	400 +/- 10%
Number of input phases		3	3	3
Connected load at rated current	kVA	3,5	7	14
Maximum inrush current	A	5	5	5
Protection (three-phase)	A	3 x 10	3 x 20	3 x 40
Power supply	24 VDC +/- 15%, 1 A stabilized and earthed, externally			
Power consumption	24W, if no outputs are connected (additional 2,5 W per output)			
DC link voltage at rated supply voltage	V	560	560	560
Overvoltage turn-off threshold	V	720	720	720
Undervoltage turn-off threshold	V	200	200	200
Rated output voltage	V _{eff}	500	500	500
Number of output phases		3	3	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	6	6	6
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	35
Weight compact case	kg	3,8	3,8	5,3
Dimensions compact case: 331 mm x 180 mm x	mm	87	87	150