

ND42

servo converter

Technical specifications

Parameters	Unit	-5605	-5610
Rated supply voltage	VAC	400	400
Input frequency	Hz	50/60	50/60
Supply voltage range	VAC	400 +/- 10%	400 +/- 10%
Number of input phases		3	3
Connected load at rated current	kVA	3,5	7
Max. actual starting current	A	5	5
Protection (three-phase)	A	3 x 10	3 x 20
Power supply of signal voltage	24 VDC +/- 15%, 1 A stabilized and earthed, externally		
Power consumption of signal voltage	24W, if no outputs are connected (additional 2,5 W per output)		
DC link voltage at rated supply voltage	V	560	560
Overvoltage turn-off threshold	V	720	720
Undervoltage turn-off threshold	V	200	200
Rated output voltage	V _{eff}	500	500
Number of output phases		3	3
DC link capacity	µF	300	300
Power dissipation of inverter at rated current	W	100	130
Residual voltage drop at rated current	V	6	6
Clock frequency of inverter	kHz	9,76	4,9
Rated motor current T _u = 25 °C	A _{eff}	5	10
Peak motor current T _k = 25 °C	A _{eff}	10	20
Weight compact case	kg	3,8	3,8
Dimensions compact case: 327,5 mm x 190 mm x	mm	90	90