

## ND31

### servo converter

#### Technical specifications

Parameters	Unit	-3202	-3204	-3207	-3212
Rated supply voltage	VAC	230	230	230	230
Input frequency	Hz	50/60	50/60	50/60	50/60
Supply voltage range	VAC	20 ... 240	20 ... 240	20 ... 240	20 ... 240
Number of input phases		2 / 3	2 / 3	2 / 3	2 / 3
Connected load at rated current	kVA	0,75	1,5	2,7	4,5
Maximum inrush current	A	160	160	160	160
Protection (three-phase)	A	3 x 4	3 x 6	3 x 10	3 x 24
Protection (one-phase)	A inertial	6	10	16	25
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	320	320	320	320
Overvoltage turn-off threshold	V	430	430	430	430
Undervoltage turn-off threshold	V	30	30	30	30
Rated output voltage	V <sub>eff</sub>	300	300	300	300
Number of output phases		3	3	3	3
Load class		III	III	III	III
Load type	Motor load				
DC link capacity	µ F	360	480	480	1320
Power dissipation of inverter at rated current	W	40	50	60	100
Residual voltage drop at rated current	V	4	4	4	4
Clock frequency of inverter	kHz	19,5	9,76	9,76	9,76
Rated motor current T <sub>u</sub> = 25 °C	A <sub>eff</sub>	2	4	7	12
Peak motor current T <sub>k</sub> = 25 °C	A <sub>eff</sub>	4	8	14	24
Weight compact case	kg	2,7	2,7	2,7	3,5
Dimensions compact case: 331 mm x 180 mm x	mm	60	60	60	87