

**ND43**  
**servo converter**

**Technical specifications**

<b>Parameters</b>	<b>Unit</b>	<b>-6825</b>
Rated supply voltage	VAC	400 - 480
Input frequency	Hz	50/60
Supply voltage range	VAC	+/- 10%
Number of input phases		3
Max. actual starting current	A	10
Protection (three-phase)	A	3 x 25
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 - 680
Overvoltage turn-off threshold	V	864
Undervoltage turn-off threshold	V	200
Rated output voltage	V <sub>eff</sub>	600
Number of output phases		3
DC link capacity	µF	720
Power dissipation of inverter at rated current	W	260
Residual voltage drop at rated current	V	10
Clock frequency of inverter	kHz	4.9
Rated motor current T <sub>u</sub> = 25 °C	A <sub>eff</sub>	25
Peak motor current T <sub>k</sub> = 25 °C	A <sub>eff</sub>	45
Weight compact case	kg	11
Dimensions compact case: 327,5 mm x 190 mm x	mm	140