

ND21

servo converter

Technical specifications

Parameters	Unit	-5605	-5610	-5615
Rated supply voltage	VAC	400	400	400
Supply voltage range	VAC	150 ... 450	150 ... 450	150 ... 450
Connected load at rated current	kVA	3,5	7,5	10
Maximum inrush current (internally limited)	A	9	9	9
Protection	A inertial	3 x 10	3 x 20	3 x 20
Auxiliary power supply	integrated switch mode power supply			
Self power consumption	W	20	20	20
DC link voltage at rated supply voltage	V	560	560	560
Overvoltage turn-off threshold	V	800	800	800
Undervoltage turn-off threshold	V	200	200	200
DC link capacity	μF	300	300	300
Power dissipation of inverter at rated current	W	50	100	100
Residual voltage drop at rated current	V	4	4	4
Clock frequency of inverter	kHz	9,26	4,6	4,6
Clock frequency at motor	kHz	18,5	9,2	9,2
Rated motor current $T_u = 25\text{ °C}$	A _{eff}	5	10	15
Peak motor current $T_k = 25\text{ °C}$	A _{eff}	10	20	20
Braking circuit pulse power	kW	15,5	15,5	15,5
Automatic turn-on threshold	V	725 - 750	725 - 750	725 - 750
Dimensions of 19" module	mm	229 x 100 x 71	229 x 100 x 71	229 x 100 x 142
Dimensions of compact device	mm	327 x 180 x 86	327 x 180 x 86	327 x 180 x 170
Weight of 19" module	kg	1,15	1,15	2
Weight of compact device	kg	3,6	3,6	5