

Intelligent Drive Systems, Worldwide Services



SK 700E

F 3070 GB


DRIVESYSTEMS

NORD CON

NORD CON is the free operating software for controlling, parameterisation and diagnosis of all NORD frequency inverters.

Control

The connected frequency inverter can be manually operated by means of a software window with all the operating elements of a ControlBox. An enable signal with specification of setpoint values can be given. The parameter settings can be adjusted and read parameters (information and error messages) can be viewed. With this, the user has a support aid for each start-up.

Parameterisation

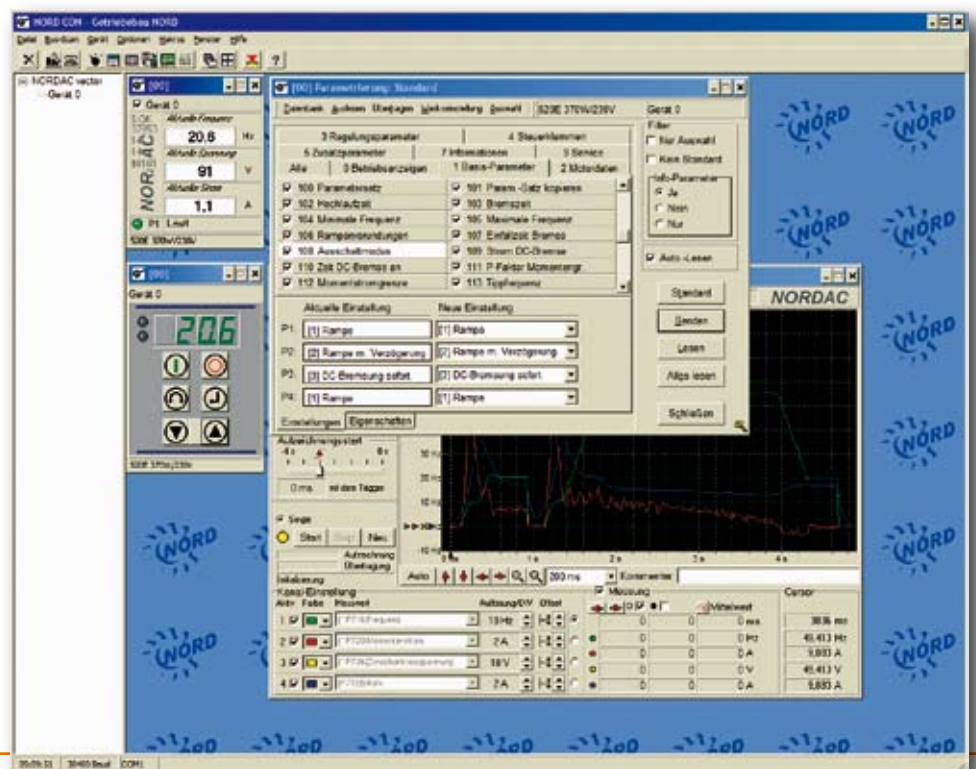
By means of a convenient overview the user can view and adjust each available parameter. By means of an appropriate printing option, parameter lists are generated in printed form either completely or with amended values. The completed data sets can be stored on a laptop/PC and archived for future use.

Diagnosis

As well as the display of all information parameters, the oscilloscope function can be a useful diagnosis instrument. Up to 4 selectable values (e.g. current, frequency) can be recorded as a line graph over a period of up to 2 hours. Automatic scaling can be selected and enables simple handling for rapid results. With this, the various applications, e.g. brake drives can be quickly and simply optimised by anyone.

The free NORD CON software can be obtained:

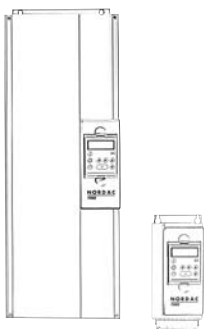
- on the home page www.nord.com
- on the documentation CD EPD (Electronic Product Documentation)



Overview SK 700E

Inverter type SK 700E...	Material number	Mains voltage	Nominal motor output 400 V [kW]
...151-340-A	278 100 150	3 ~ 380...480V, -20%/+10%, 47...63Hz	1,5
...221-340-A	278 100 220		2,2
...301-340-A	278 100 300		3,0
...401-340-A	278 100 400		4,0
...551-340-A	278 100 550		5,5
...751-340-A	278 100 750		7,5
...112-340-A	278 101 100		11
...152-340-A	278 101 500		15
...182-340-A	278 101 850		18,5
...222-340-A	278 102 200		22
...302-340-O	278 103 000		30
...372-340-O	278 103 700		37
...452-340-O	278 104 500		45
...552-340-O	278 105 500		55
...752-340-O	278 107 500		75
...902-340-O	278 109 001		90
...113-340-O	278 111 000		110
...133-340-O	278 113 200		132
...163-340-O-VT	278 116 000		160





Nominal motor output 480 V [hp]	Nominal output current* rms [A]	Typical input current rms [A]	Dimensions L x B x D [mm]
2	3,6	6	size1: 281 x 123 x 219
3	5,2	8	
4	6,9	11	
5	9,0	13	
7,5	11,5	17	size2: 331 x 123 x 219
10	15,5	21	
15	23	30	size3: 386 x 123 x 219
20	30	40	
25	35	50	size4: 431 x 201 x 268
30	45	60	
40	57	70	size5: 599 x 263 x 263
50	68	88	
60	81	105	
75	103	125	
100	133	172	size6: 736 x 263 x 336
125	158	200	
150	193	240	size7: 1207 x 354 x 263
175	230	280	
200	280	340	

*Overload capacity: 1,5 ... 22 kW: 200% for 3.5s, 150% for 60s
 30 ... 132 kW: 150% for 60s
 160 kW: 125% for 60s