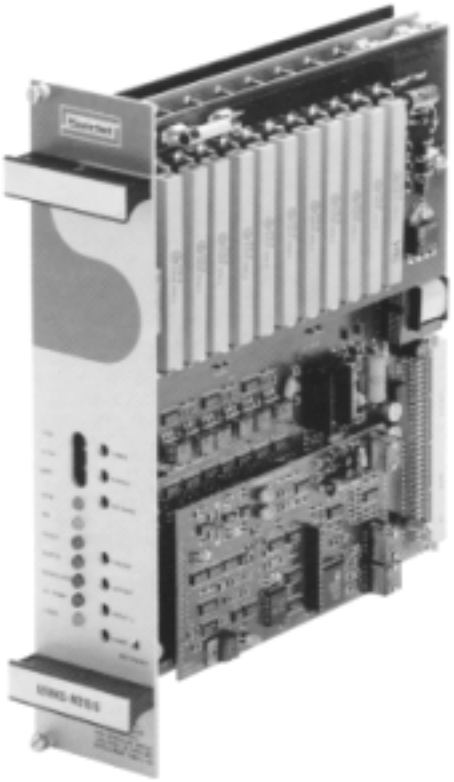

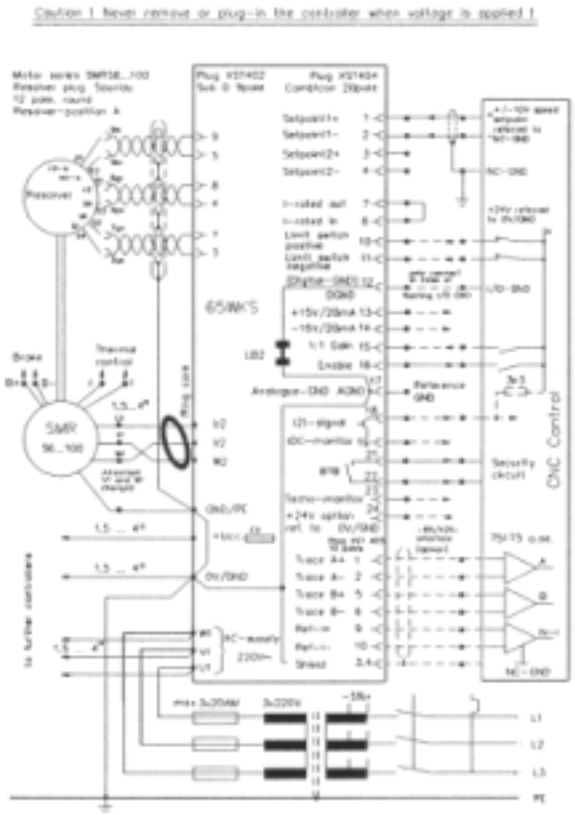

Series 65WKS

Order reference	Nom. power (kVA)	Nom. voltage DC (V)	Nom. current (A)	Pulse current (A)
65WKS-CE310/3-PB	0,6	310	3	7,5
65WKS-CE310/6-PB	1,3	310	6	15
65WKS-CE310/12-PB	2,6	310	12	30
65WKS-CE310/22-PB	4,8	310	22	50
65WKS-CE310/26-PB	5,6	310	26	50

Application:

With the 65WKS series, Seidel offers a newly designed power inverter with sine-wave commutation. In conjunction with brushless synchronous motors with resolver, there is now a new servo system to complement the appliance with block commutation. A resolver integrated in the motor serves as a feedback unit for both position and speed.

Power Supply:

To increase reliability, the 65WKS system has to be supplied by a Seidel isolating transformer. Downstream of the built-in mains rectifier there is a ballast circuit with -w- characteristic (patented) which can be connected in parallel. The rated intermediate circuit voltage is 310V DC.

A circuit pending patent provides the speed signal. The resolver/digital converter offers scope for outputting the motor's actual position. This dispenses with the need to install a rotor position sensor.

A 84TE basis unit (6HE) can accomodate up to seven modules of the 65WKS series.

Dimensions: (1TE = 5,08mm)

Double-sized Eurocard, 12TE width, 220mm insertion depth

Basic equipment:

Front panel 6HE/12TE, customer print,
Option -PB-

Options:

-PB- 3-phase mains supply unit, ballast circuit with -w- characteristic and ballast resistor.

-01- limit switch, ramp generator and 1:1-current control

-24V- auxiliary voltage supply from external 24V DC voltage

-426- incremental position output

-SSI- cyclic absolute position output with SSI-logic

Rear panels:

-F65WKSMB- connections from rear side

-R65WKSMB- connections from front side