



HANNING

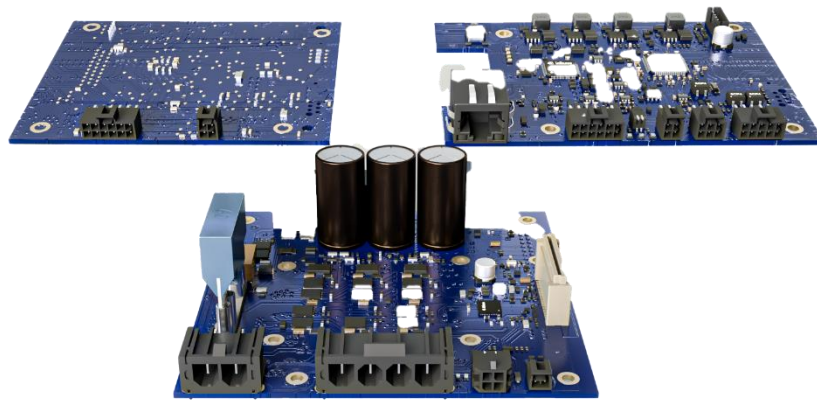
moving ■ ■ ■ ideas

hatronic compact

SMC 48 V DC / 30 A Low-voltage inverter



Technical data



Description	Specification
Function range	Power unit and control card assembled and configured ready for use
	Control card with adapted communication interfaces and customized application software
Technical data	
Mounting plate dimensions	120 x 150 mm
Housing dimensions	120 x 120 mm
Housing material	ABS plastic
Mounting material	4 M4 screws mounting plate
	Optionally pre-mounted on heat sink
Protection class	IP 20
Ambient temperature	10 to 40 °C
Storage temperature	-10 to 60 °C
Humidity without condensation	80 % rel. humidity

Description	Specification
Electrical data	
Power supply voltage	48 V DC
Continuous output current	30 A
Output current maximum 10 s	80 A
Switching frequency f_{sw}	16 kHz
Peripheral interfaces	Depending on the control card
Mechanical safety brake	24 to 48 V DC PWM-controlled voltage reduction and diagnostics
External fan	24 V DC speed-controlled
Digital inputs	4 x 24 V DC (SPS compatible)
Digital outputs	2 x 24 V DC (20mA loadable))
Analog inputs	0-10 V (alternatively 4-20 mA)
External control	Fail-safe circuit for STO and SBC with feedback contacts
Communication interfaces	CAN, RS485, Ethernet
Encoder system interface	HANNING resolver adapted to the motor
	Encoder 18 bit

Notes