

Product Group
Combined Motor Start and Braking Devices





VBMS ...



Features:

- simple motor control with only a few elements
- motor contactor and DC-brake in a single device
- suitable for all asynchronous motors
- controlled by microcontroller
- easy mounting, also for retrofitting into existing plants
- motor contactor with contact gap ffl 3mm, utilization category AC-3
- operator's controls physically separated from load (24V extra-low voltage)
- connection of several „STOP“ buttons possible
- for snap-mounting onto 35mm top-hat rail
- degree of protection IP 20
- meets trade assoc. requirements for category 2 acc. to EN 954-1 according to the test principles of woodworking machines GS-HO-01
- intermateable with BRMS

Functions:

- direct online start via motor contactor
- DC braking
- control via buttons or via switch
- braking current infinitely adjustable
- standstill threshold adjustable (individual adaptable to different motor types)
- braking current cutoff after motor standstill
- overload protection
- monitoring of exceeded braking time (10s)
- start interlock in case of safety relevant errors



MINISTART 1,5 ... 5,5B



Features:

- three-phase controlled soft starter
- DC braking with one-way rectification
- easy mounting, also for retrofitting into existing plants
- terminal arrangement suit
- for snap-mounting on 35mm standard rail
- integrated bypass relay
- extensive monitoring functions
- robust metal housing
- no mains neutral conductor (N) required
- special voltages up to 600V
- functional acceleration current reduction
- degree of protection IP 20

Functions:

- soft start - braking
- 4 separately adjustable parameters starting torque, acceleration time, braking current, braking time
- potential-free input for soft start or soft stop
 - control voltage 10 ... 30VDC
- potential-free output for fault indication
- potential-free output for operational status
 - loadable with 250V/8A each
 - closed from the beginning of the start until the end of braking
- temperature monitoring
- phase-failure monitoring during ramp-up

PETER electronic Quality is our Drive.

VersiComb

- VCII 230-3 ... 7,5
- VCII 400-5,5 ... 15



Features:

- two-phase controlled soft start
- integrated by-pass relay
- reduction of starting current peaks
- DC braking via controlled thyristor bridge
- integrated braking contactor
- integrated standstill detection
- deceleration time monitoring
- controlled by microcontroller
- suitable for all asynchronous motors
- for snap-on mounting onto 35mm DIN rail
- degree of protection: IP 20
- meets trade assoc. requirements for category 2 acc. to EN 954-1

Functions:

- potential-free control input for soft start
- potential-free control input for braking
- braking current adjustment, current control
- standstill detection adaptable to motor via potentiometer
- 3 separately adjustable parameters
- starting torque, starting time, braking current
- motor contactor interlocking during braking
- temperature monitoring of heat sink

Options:

- wide-voltage-range capable (200-480V)
by additional control voltage 1AC 24V or 1AC 230V
- special voltage 480V
- customized enclosures



Our range of products:

Soft Starters

Braking Devices

Motor Start/Brake Combinations

Frequency Inverters

DC-Controllers

Safety Technique

