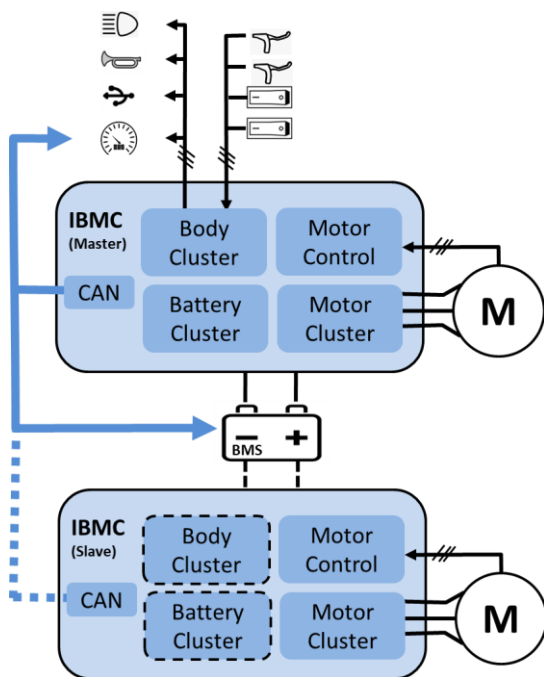


IBMC 48V140A2



- Unique, 48V based system solution for light electric vehicles incl. E-mopeds, E-motorbikes (L1e-B - L6e)
- Integration of power electronic and body control functionality in a single control unit
- Control of multiple motor types incl. PMSM, TFM and BLDC.
- 48V, 140A rms peak (10sec), 7kVA peak power
- FOC with field weakening
- Up to 98% efficiency
- Easy motor adaptation and optimization with full motor mapping support (e.g. MTPA, MTPS)
- Master/slaves configuration for multiple motors
- 4 drive modes, quick customization available
- Protection, diagnostic and safety functions
- Communication with BMS for range estimation and battery supervision
- Outputs for lights, horn etc. (24V,12V,5V)
- Inputs for switches, throttle, brake, sensors etc.
- IP67, 780gr, dimensions(LxWxH): 152x142x44mm
- Product status: In production

For more information please contact:
Mr. Stefan Dosch
Mobile: +49 173 5766902
E-mail: stefan.dosch@ideasandmotion.com