



CUSTOMER STORIES

BUILDING MORE FUNCTIONALITY INTO YOUR BCMs MEANS EVER-SMALLER CIRCUITRY



Smart shunt solutions pack more performance into tight footprints with pricing and design that helps the bottom line too



CHALLENGE

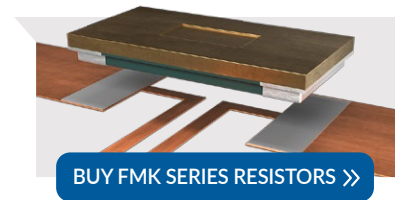
As drivers demand more conveniences—in more locations throughout a vehicle (think motion-activated liftgates)—designers are more conscious of space and performance parameters. Body Control Modules (BCMs) for today's vehicles must deliver high power density, while consuming less energy (think hybrids and EVs).

SOLUTION

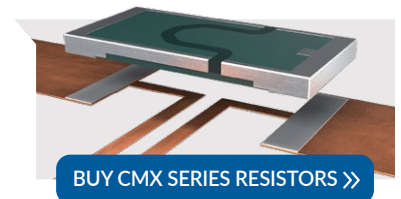
Isabellenhütte is known across the automotive supply-chain for delivering a wide range of solutions to suit virtually every BCM application. Our shunts pack high power ratings and very good stability values into small footprints to intelligently optimize the performance and efficiency of electric motors, DC/DC converters or controllers. We have helped reduce footprints by up to 5X in a common component, our BRS Series, and have generated documented savings in system costs for our customers. Typical BCM solutions in a 1206 package size include our FMK shunts (2 to 6 mOhm), and CMK (10 to 100 mOhm). For higher currents/power rating, WAK (0.5 mOhm to 1 mOhm) offers an ideal solution for saving installation space.

APPLICATION

Body Control Modules for monitoring and controlling various electronic accessories: e.g. power windows and mirrors, sliding doors, tailgates/liftgates, air conditioning, central locking, seat adjustments etc.



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