

Expanded with Safe Torque Off functionality

The external controller series BGE with CANopen from Dunkermotoren (Germany) has been extended by another feature, the STO (Safe Torque Off) functionality.



(Photo: Dunkermotoren)

In addition to the regular drive types such as positioning, speed and torque control, and numerous condition monitoring parameters, a safety function has been added. Besides the CANopen and Ethercat interfaces, the controller can also be operated as a standalone version. With the STO function, the power output stage of the electronics is safely switched off via two channels. If one of the two signals loses the input level of 24 V_{DC}, the electronics switch off the transistors that control the motor phases. The electronics BGE 6060A STO is suitable for drives (brushless or brushed) in a power class from 200 W to 1200 W.

Due to the voltage range of 10 V_{DC} to 60 V_{DC}, the main applications of the BGE 6060A STO drive controller will be battery-powered applications such as AGVs (Automated guided vehicle) or industrial applications. For drive applications with STO functionality, the company also offers the appropriate controller for outputs

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