Overvoltage protection for controllers

*Feldkirchen (Germany), April 13, 2022* – The BC72-50 brake chopper from Nanotec offers reliable protection against overvoltage. It converts the energy generated when a motor is decelerated into heat by switching it to a resistor when the capacity of its buffer capacitor is exceeded. In this way, the BC72-50 limits the voltage in the intermediate circuit to the maximum permissible level and prevents damage to the connected controllers.

The brake chopper comes with an integrated braking resistor, an external resistor can be added additionally. The BC72-50 has a rated power of 20 W and 100 W with an external braking resistor.

Via a rotary switch the switching voltage can be adjusted in 1 V steps.

*Nanotec was founded in 1991 and is now among the leading manufacturers of motors and controllers/drives for industrial automation and medical engineering applications. The company
has been based in Feldkirchen near Munich/Germany since 2011. With some 250 employees in Germany, Bulgaria, the US and China, Nanotec serves customers around the world.*

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