

Braking chopper DIN-rail mounting

Series BS 100
Type BS 101/...
Type BS 102/...

Applications:

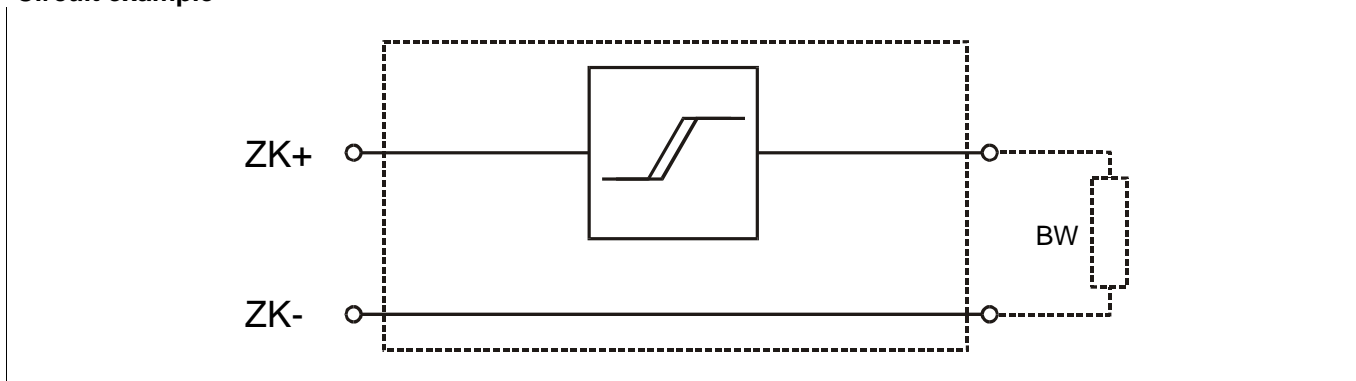
Braking choppers are utilized to remove the energy from the capacitor bank of the drive. The dynamic brake or chopper consists of a power-switching device and a resistor bank.

- Control the DC Bus voltage
- Control the current



Test voltage L/N-PE 2700 V DC 1s
Climatic rating DIN IEC 60068-1

Circuit example



Benefits:

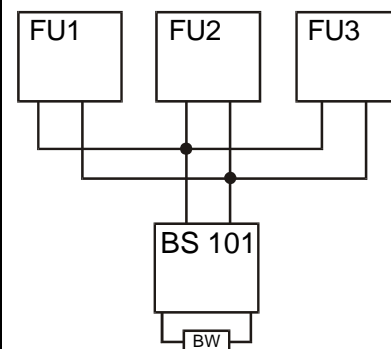
- Mounts to 35mm DIN rail
- Wires onto terminals
- Turns ON/OFF energy dissipation
- Easy installation
- Compact dimensions
- Inexpensive
- Removes more energy by limiting the current
- Regulates DC voltage

Technical data

Type	Starting voltage [V]	I max [A]	Protection
BS 101/440/32	440	32	IP20
BS 102/760/32	760	32	IP20

Interconnection

When the converters are interconnected in the DC voltage intermediate circuit then the energy of single brakings is collected by the other converters. The energy in the braking resistor will not be converted into heat before the complete switch-off.



Dimension Drawing

