DC link capacity unit for the b maXX 5000 series

Energy- as well as costsaving by using dynamic applications

Using the dc link capacity unit at dynamic applications the braking energy can be temporary stored and be used for the following acceleration. It can be used with devices belonging to the converter generation b maXX 5000.

Benefits
- Temporary storage of the braking energy → Low energy demand
- Peak load leveling → Reduction of the peak loads with the EVU agreed by contract
- Smaller dimensioning of the switching cabinet and the rectifier unit → Low space requirements as well as cost saving are possible
- Temporarily stored energy permits the controlled shutting down of the system if disturbances or power failures occur → Reduction of costs by going without an independent power supply (USV)