

Braking units and braking resistors

Rated voltage DC link voltage	510 V DC (–15 %) to 650 V DC (+10 %)
Switch-on thresholds Upper threshold	774 V ¹⁾
Lower threshold	673 V
Load class II to EN 60 146-1-1 Rated power P_{20}	5 kW to 170 kW; P_{20} power at the upper switch-on threshold: the duration depends on the internal or external resistor
Continuous power P_D	Continuous power: value is dependent on the internal or external resistor
Short-time power rating P_3	1.5 x P_{20} power at the upper resistor threshold: the duration depends on the internal or external resistor
Cycle time	90 s
Overload duration	20 s (22 % of the cycle time)

1) Compact PLUS 750 V. A brake chopper is built into the standard version of the Compact PLUS converter and rectifier units.