

## Braking units and braking resistors

<b>Rated voltage</b>	
DC link voltage	510 V DC (-15 %) to 650 V DC (+10 %)
<b>Switch-on thresholds</b>	
Upper threshold	774 V <sup>1)</sup>
Lower threshold	673 V
<b>Load class II to EN 60 146-1-1</b>	
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.