



Compact PLUS units
Compact and chassis units

SIMOVERT MASTERDRIVES Vector Control

Compact PLUS, Compact and Chassis Units

Braking units and braking resistors

Technical data

Rated voltage			
DC link voltage	510 V DC –15 % to 650 V DC +10 %	675 V DC –15 % to 810 V DC +10 %	890 V DC –15 % to 930 V DC +15 %
Thresholds			
Upper threshold 1	774 V	967 V	1158 V
Lower threshold 2	673 V	841 V	1070 V
Load class II to EN 60 146-1-1			
Rated power P_{20}	P_{20} power at the upper threshold: The duration is a function of the internal or external resistor		
Continuous power P_{DB}	Continuous power at the upper threshold: The value is dependent on the internal and external resistor		
Short-time power P_3	$1.5 \times P_{20}$ power at the upper threshold: The duration is a function of the internal and external resistor		
Cycle time	90 s		
Overload duration	20 s (22 % of the cycle time)		

Braking units cannot be ordered with options.