

Technical data

Cooling-medium temperature	0 °C to +40 °C
Permissible ambient temperature during storage and transport	-25 °C to +70 °C
Cooling air requirement	0.55 m ³ /s
Climatic category	3K3 to DIN IEC 721-3-3/04.90
Pollution degree	Pollution degree 2 to DIN VDE 0110 Part 1/01.89, Moisture condensation not permissible
Overvoltage category (power section)	Category III to DIN VDE 0110 Part 2/01.89
Overvoltage strength (with connected inverter)	Class 1 to DIN VDE 0160/04.91
Degree of protection	IP00 to EN 60 529 (DIN VDE 0470 Part 1/11.92)
Immunity	IEC 801-2, IEC 801-4
Mechanical specifications	To DIN IEC 60 068-2-6/06.90
Sound pressure level L_{pA} (1 m)	
50 Hz	80 dB
60 Hz	83 dB

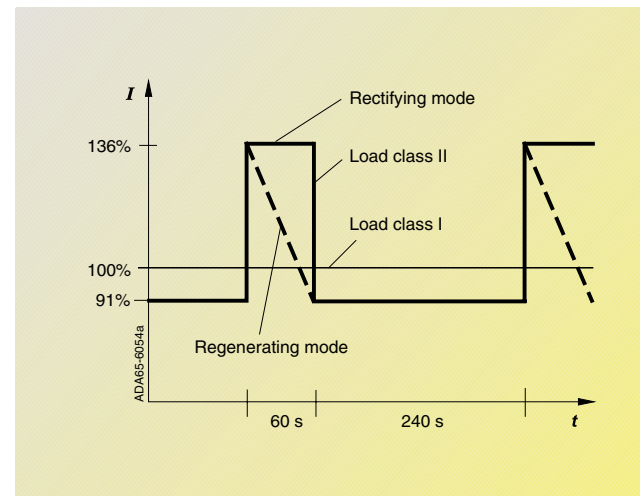


Fig. 3/11
Base load and overload to load class II to EN 60 146-1-1



SIMOVERT MASTERDRIVES Vector Control Compact and Chassis Units

Compact and chassis units

Overcurrent protector units (OCP)
for rectifier/regenerative units

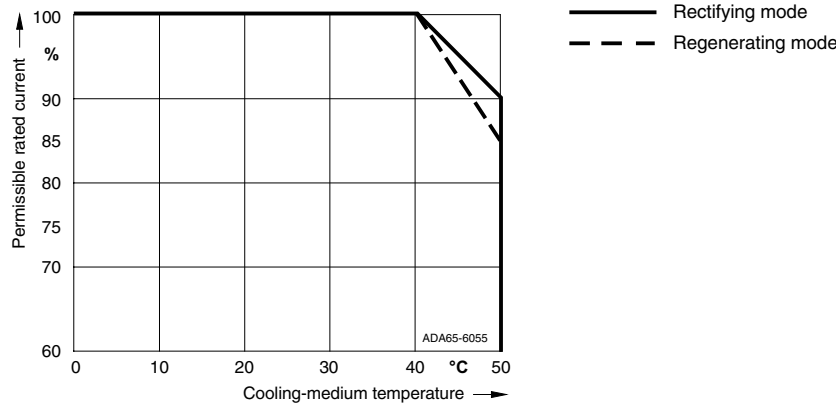
Selection and ordering data

Rated DC link current		Rated DC link base load current		Base load duration	DC link short-time current		Short-time current duration	Max. power loss at		Overcurrent protector unit (OCP)	Dimensions W x H x D	Dimension drawing, see Section 7	Weight approx.
Infeed current	Regenerative current	Infeed current	Regenerative current		Infeed current	Regenerative current		Infeed	Regeneration				
A	A	A	A	s	A	A	No.	kW	kW	Order No.	mm	No.	kg
Rated DC link voltage 510 V to 650 V DC +10%													
1023	945	930	860	240	1390	1280	3/11	1.1	2.3	6SE7041-0TS85-5JA0	587 x 750 x 470	19	75
1780	1640	1620	1500	240	2430	2030	3/11	1.6	4	6SE7041-8TS85-5JA0	587 x 750 x 470	19	75
Rated DC link voltage 675 V to 930 V DC +15%													
1023	945	930	860	240	1390	1280	3/11	1.1	2.4	6SE7041-0WS85-5JA0	587 x 750 x 470	19	75
1880	1730	1711	1580	240	2566	2350	3/11	1.7	4.6	6SE7042-0WS85-5JA0	587 x 750 x 470	19	75

Assignment of overcurrent protector units (OCP) to rectifier/regenerative units

Overcurrent protector unit	Rectifier/regenerative unit					
Order No.	Type	Type	Type	Type	Type	Type
Supply voltage 3-ph. 380 V to 480 V +10%						
6SE7041-0TS85-5JA0	6SE7038-2EH85-1AA0	6SE7041-0EH85-1AA0				
6SE7041-8TS85-5JA0	6SE7041-3EK85-1AA0 ¹⁾	6SE7041-8EK85-1AA0 ¹⁾				
Supply voltage 3-ph. 500 V to 690 V +15%						
6SE7041-0WS85-5JA0	6SE7037-7FH85-1AA0	6SE7041-0FH85-1AA0		6SE7037-7HH85-1AA0	6SE7041-0HH85-1AA0	
6SE7042-0WS85-5JA0	6SE7041-3FK85-1AA0 ¹⁾	6SE7041-5FK85-1AA0 ¹⁾	6SE7041-8FK85-1AA0 ¹⁾	6SE7041-3HK85-1AA0 ¹⁾	6SE7041-5HK85-1AA0 ¹⁾	6SE7041-8HK85-1AA0 ¹⁾

Reduction curves



1) The assignment for type K units also applies to parallel units (-1AD0)