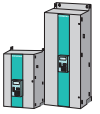


# SIMOREG 6RA70 DC MASTER

## SIMOREG CCP



### Overview SIMOREG DC MASTER – SIMOREG CCP

The following table contains the types of SIMOREG CCP suitable for SIMOREG DC MASTER.

The basis for the selection is not only the device rated data (considering the associated limit values) for the SIMOREG DC MASTER and SIMOREG CCP components, but also typical rated data for Siemens direct current motors from the DA 12 · 2004 product catalog.

#### Note:

For plant configurations with reduced rated values (e.g. DC Rating, US Rating, voltage derating), in some circumstances suitable device combinations can be found that are not listed in the above table.

If required the specialist support group will help you with the detailed engineering and selection of the CCP. Please contact your Siemens representative and specify the following plant/system data:

- Line supply voltages and power sections
- Undervoltage range of the power section that will be required
- Rated motor armature voltage
- Rated motor current
- Information regarding the overcurrent capability required (magnitude, duty cycle)
- Load inductance (motor, cable and, where relevant, smoothing reactor)

SIMOREG DC MASTER	Type	Rated DC voltage/DC current	Converter Commutation Protector SIMOREG CCP				
			6RA7085-6FC00-0 460 V / 600 A	6RA7091-6FC00-0 460 V / 1200 A	6RA7095-6FC00-0 460 V / 2000 A	6RA7090-6KC00-0 690 V / 1000 A	6RA7095-6KC00-0 690 V / 2000 A
6RA7013-6DV62-0	420 V / 15 A	–	–	–	–	–	–
6RA7018-6DV62-0	420 V / 30 A	–	–	–	–	–	
6RA7025-6DV62-0	420 V / 60 A	–	–	–	–	–	
6RA7028-6DV62-0	420 V / 90 A	–	–	–	–	–	
6RA7031-6DV62-0	420 V / 125 A	–	–	–	–	–	
6RA7075-6DV62-0	420 V / 210 A	–	–	–	–	–	
6RA7078-6DV62-0	420 V / 280 A	x	–	–	–	–	
6RA7081-6DV62-0	420 V / 400 A	x	–	–	–	–	
6RA7085-6DV62-0	420 V / 600 A	x	x	–	–	–	
6RA7087-6DV62-0	420 V / 850 A	–	x	–	–	–	
6RA7091-6DV62-0	420 V / 1200 A	–	x	x	–	–	
6RA7093-4DV62-0	420 V / 1600 A	–	–	x	–	–	
6RA7095-4DV62-0	420 V / 2000 A	–	–	x	–	–	
6RA7098-4DV62-0	420 V / 3000 A	–	–	–	–	–	
6RA7018-6FV62-0	480 V / 30 A	–	–	–	–	–	
6RA7025-6FV62-0	480 V / 60 A	–	–	–	–	–	
6RA7028-6FV62-0	480 V / 90 A	–	–	–	–	–	
6RA7031-6FV62-0	480 V / 125 A	–	–	–	–	–	
6RA7075-6FV62-0	480 V / 210 A	–	–	–	–	–	
6RA7078-6FV62-0	480 V / 280 A	x	–	–	–	–	
6RA7082-6FV62-0	480 V / 450 A	x	–	–	–	–	
6RA7085-6FV62-0	480 V / 600 A	x	x	–	–	–	
6RA7087-6FV62-0	480 V / 850 A	–	x	–	–	–	
6RA7091-6FV62-0	480 V / 1200 A	–	x	–	–	–	
6RA7025-6GV62-0	600 V / 60 A	–	–	–	–	–	
6RA7031-6GV62-0	600 V / 125 A	–	–	–	–	–	
6RA7075-6GV62-0	600 V / 210 A	–	–	–	–	–	
6RA7081-6GV62-0	600 V / 400 A	–	–	–	x	–	
6RA7085-6GV62-0	600 V / 600 A	–	–	–	x	–	
6RA7087-6GV62-0	600 V / 850 A	–	–	–	x	–	
6RA7090-6GV62-0	600 V / 1100 A	–	–	–	–	x	
6RA7093-4GV62-0	600 V / 1600 A	–	–	–	–	x	
6RA7095-4GV62-0	600 V / 2000 A	–	–	–	–	x	
6RA7096-4GV62-0	600 V / 2200 A	–	–	–	–	–	
6RA7097-4GV62-0	600 V / 2800 A	–	–	–	–	–	
6RA7086-6KV62-0	725 V / 760 A	–	–	–	x	–	
6RA7090-6KV62-0	725 V / 1000 A	–	–	–	x	x	
6RA7093-4KV62-0	725 V / 1500 A	–	–	–	–	x	
6RA7095-4KV62-0	725 V / 2000 A	–	–	–	–	x	
6RA7097-4KV62-0	725 V / 2600 A	–	–	–	–	–	
6RA7088-6LV62-0	875 V / 950 A	–	–	–	–	–	
6RA7093-4LV62-0	875 V / 1500 A	–	–	–	–	–	
6RA7095-4LV62-0	875 V / 1900 A	–	–	–	–	–	
6RA7096-4MV62-0	1000 V / 2200 A	–	–	–	–	–	

x = suitable  
– = Not suitable (see note)