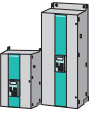


SIMOREG 6RA70 DC MASTER

SIMOREG CCP



Overview diagram

SIMOREG CCP

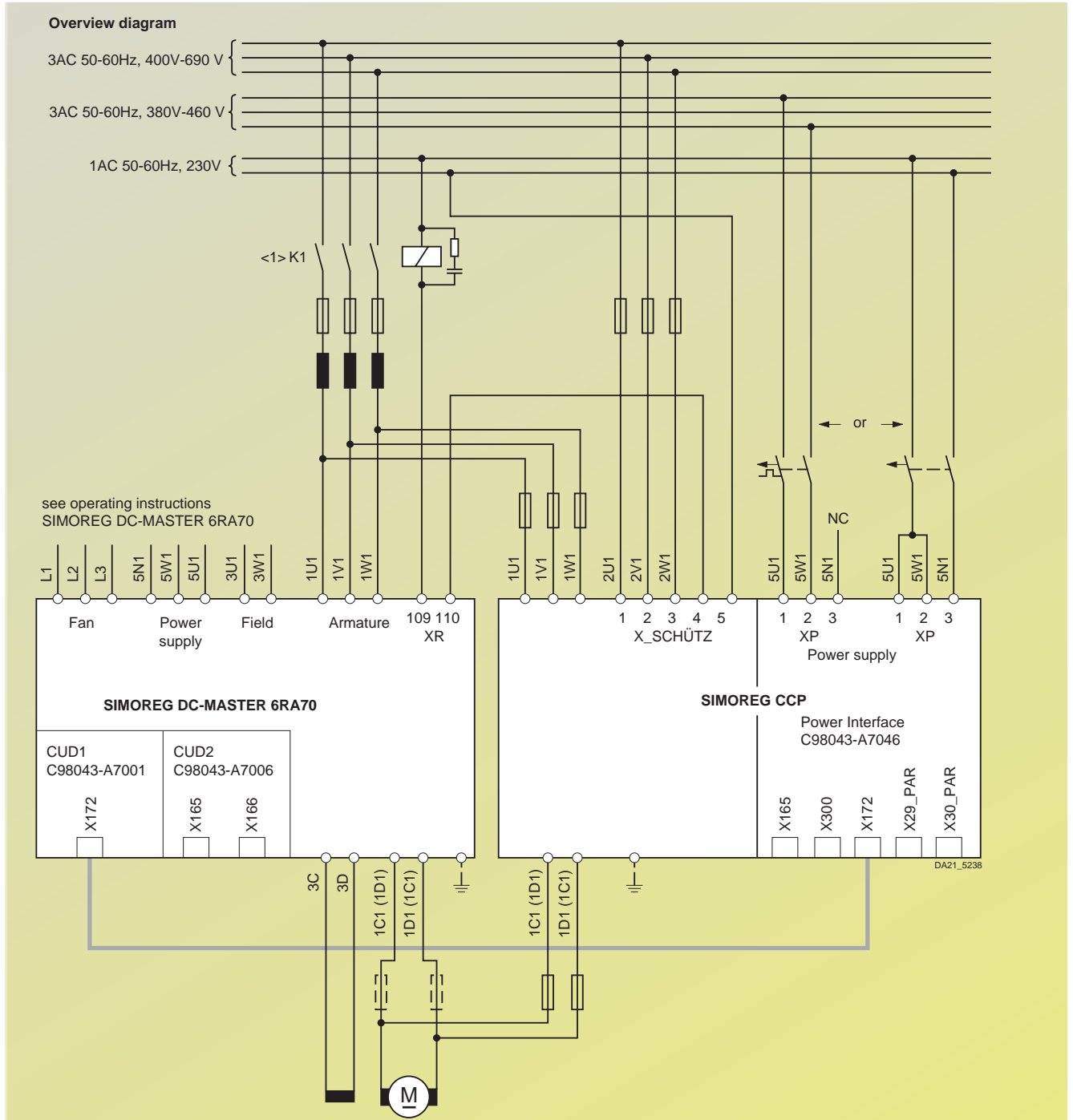


Fig. 7/2

<1> CAUTION!

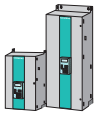
Operation without main contactor is not permitted. The control voltage for the main contactor (or the circuit-breaker) must always be led via the XR terminal (connections 109 and 110) of the SIMOREG device **and** the X_SCHÜTZ terminal (connections 4 and 5) of the SIMOREG CCP

For parallel connection, all SIMOREG devices must be included in this interlock chain.

In applications with SIMOREG CCP, if a fault occurs, the basic unit or the SIMOREG CCP must be able to reliably separate the arrangement from the supply line voltage.

Also note that the total of the delay times for all switching elements contained in the control loop must not exceed the time set on the P089 parameter.

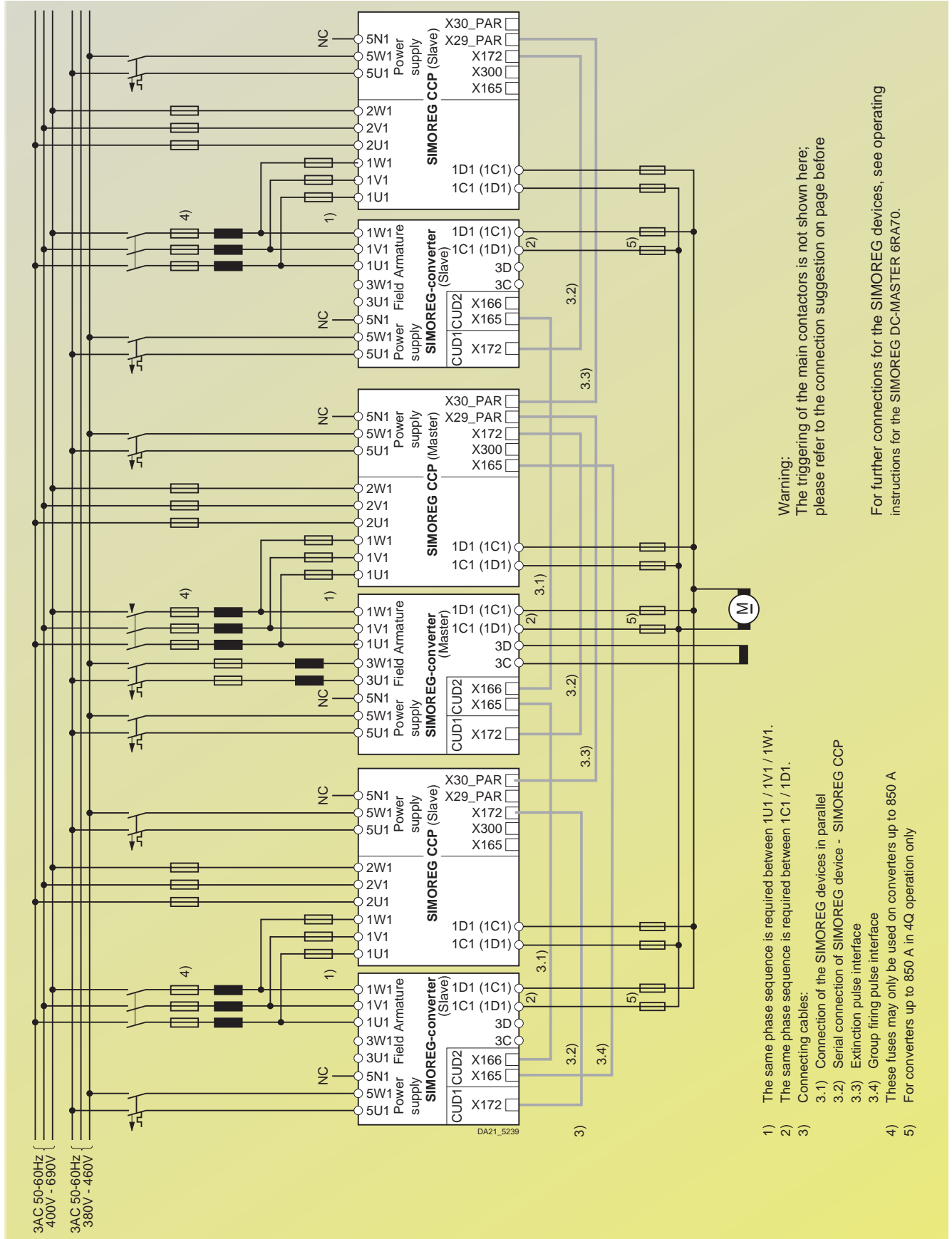
For converter devices SIMOREG DC MASTER connected in parallel one SIMOREG CCP is connected directly parallel to each (see overview diagram page 7/7).



SIMOREG 6RA70 DC MASTER SIMOREG CCP

Overview diagram of device connected in parallel

SIMOREG CCP



Warning:
The triggering of the main contactors is not shown here; please refer to the connection suggestion on page before

For further connections for the SIMOREG devices, see operating instructions for the SIMOREG DC-MASTER 6RA70.

- 1) The same phase sequence is required between 1U1 / 1V1 / 1W1.
- 2) The same phase sequence is required between 1C1 / 1D1.
- 3) Connecting cables:
 - 3.1) Connection of the SIMOREG devices in parallel
 - 3.2) Serial connection of SIMOREG device - SIMOREG CCP
 - 3.3) Extinction pulse interface
 - 3.4) Group firing pulse interface
- 4) These fuses may only be used on converters up to 850 A
- 5) For converters up to 850 A in 4Q operation only

Fig. 7/3