

Another good reason
to rely on DC drives in the future:

SIMOREG Converter Commutation Protector



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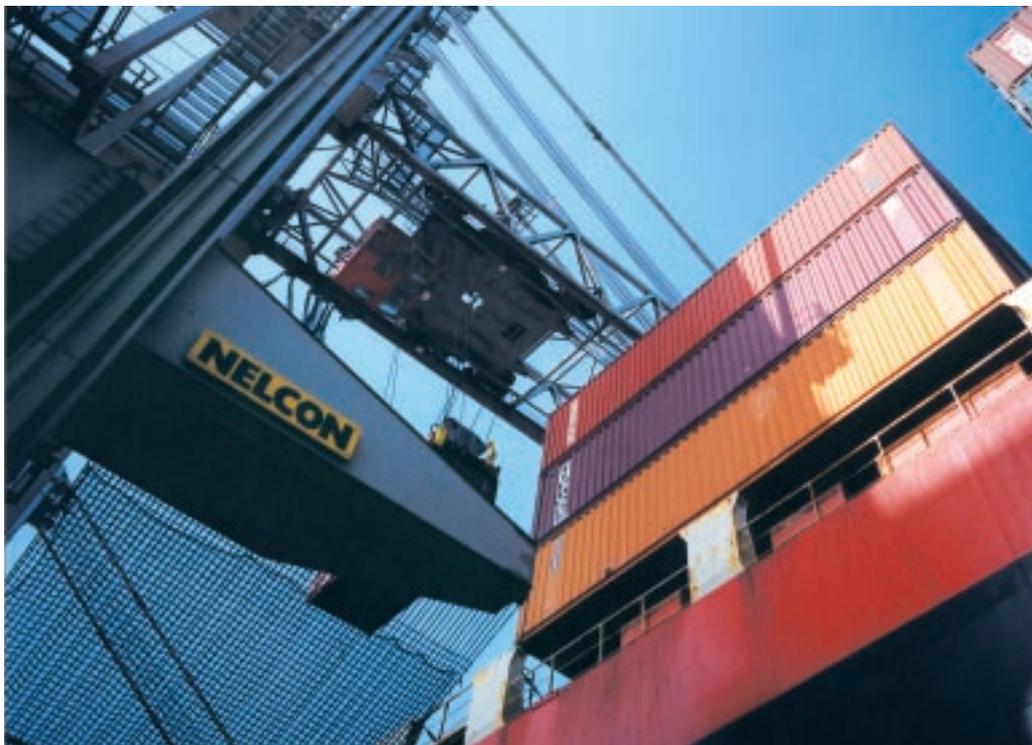
CONVERTER COMMUTATION PROTECTOR

DC drives have been proven in daily use for many years already. They reliably fulfill their tasks in many sectors – and are economical and require little maintenance at the same time. And yet another reason to hold on to this technology: the SIMOREG® CCP (Converter Commutation Protector). This protects your SIMOREG DC-MASTER from the effects of a commutation failure. The result: a significantly higher plant availability. And another reason good enough to continue to rely on DC drives in the future.

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Increased plant availability.

The SIMOREG CCP (Converter Commutation Protector) is used to protect a line-commutated SIMOREG DC-MASTER converter in inverter mode. In the event of a commutation failure, a large current is generated in the power supply system in feedback direction, or a transverse current in the converter. The Converter Commutation Protector limits these currents to a harmless value and so protects fuses and thyristors. And eliminates the expensive and time-consuming need to replace such fuses following a commutation failure. Plant availability is therefore significantly increased.



The following versions of the SIMOREG CCP are available:

Order No. 6RA70..		..91-6FC00-0	..90-6KC00-0	..95-6FC00-0	..95-6KC00-0
Rated voltage	DC V	460 +15%	690 +10%	460 +15%	690 +10%
Rated current	DC A	1200	1000	2000	2000
Covered current range	DC A	600 to 1200	600 to 1000	1000 to 2000	1000 to 2000
Rated supply voltage of the electronics supply		380 V two-phase AC (-25%) to 460 V (+15%); $I_{rated} = 1 \text{ A}$ or 190 V single-phase AC (-25%) to 230 V (+15%); $I_{rated} = 2 \text{ A}$ (-35% for 1 minute)			
Rated frequency	Hz	45 to 65			
Dimensions (H x W x D)	mm	780 x 406 x 500			
Weight	kg	30	40	50	70

You can find further information on SIMOREG CCP at:

www.siemens.com/simoreg

You can also find your local contact partner on the Internet at:

www.siemens.com/automation/partners