

REO

INDUCTIVE COMPONENTS



REOVERS®

Regenerative filter for
drive engineering

*- NEW -
Now as complete
regenerative unit*

Pure|Power|Perfection



REOVERS®

Regenerative filter for drive engineering



Traditionally, any surplus power created by potential and kinetic energy in loads, which are regulated with electrical controls, has been converted into heat by the use of braking-resistors, and so has been wasted. Increasing energy costs, the need for power quality and the demand for efficient solutions in drive engineering have all led to new ways of making possible the recovery of all forms of energy.

So that surplus power is not lost, REO has developed a regenerative filter called REOVERS®. Using the broad experience gained from EMC-filter manufacturing, power resistor development and railway engineering, REOVERS® has been specially designed for use in 4-quadrant converters, taking into account the need to recycle energy back onto the mains network.

Comprising various REO components, used in drive engineering, such as chokes, filter-inductors and load-resistors, REOVERS® is able to reduce disturbances, irrespective of the energy flow direction. Thereby, the efficient use of energy and power quality are both equally guaranteed.

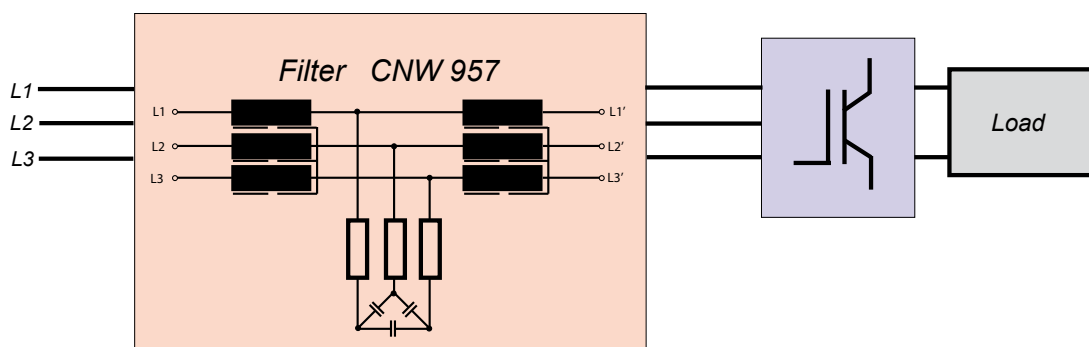
Advantages of the REOVERS® feedback filter:

- compact design
- filter layouts can be customised
- only well-proven Reo components are used
- efficiency interference suppression irrespective of the energy flow direction

Technical data

| REOVERS® CNW 957 / 14 | |
|------------------------------|-------------------|
| Rated voltage | 3 x 400 V / 50 Hz |
| Rated current | 3 x 14 A |
| Inverter power | 10 kVA |
| Inverter switching-frequency | 6 - 20 kHz |
| Losses | 180 W |
| Ambient temperature | 40 °C |
| Protection class | IP00 |

Schematic circuit diagram REOVERS® CNW 957



NEW! Complete regenerating unit

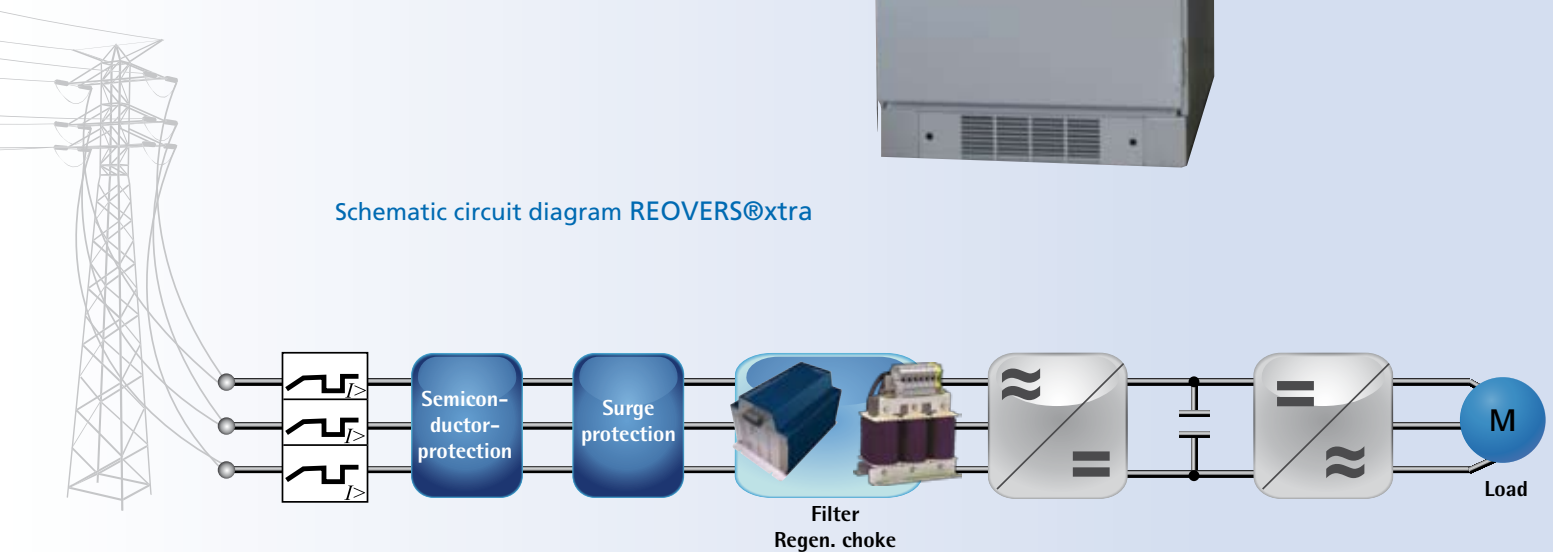
REOVERS[®]xtra



Advantages of REOVERS@xtra:

- Feedback of brake energy in the supply network
- No unnecessary waste of brake energy in the braking resistor
- Integrated Mainsfilter to fulfill EMC-standards

Schematic circuit diagram REOVERS@xtra





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