

ACTIVE DYNAMIC FILTER

Meet the ADF Family



AND SAVE:

1

SPACE

Since one module supports multiple drives, you can save space and ensure flexibility for the future.

2

MONEY

Increase energy efficiency while reducing the expense of replacing worn equipment.

3

TIME

Avoid unnecessary downtime for maintenance or replacement of equipment affected by power quality issues.

4

HASSLE

ADF-type technology is already being included in regulatory demands and equipment warranties – a trend that will only continue to grow.

– COMSYS –
comsys.se/adf

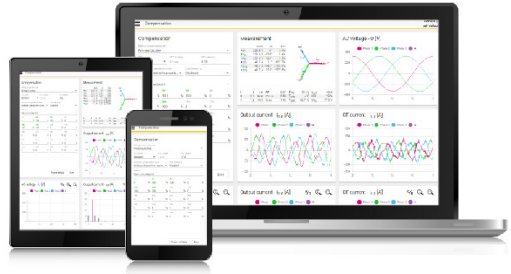


30 THRU 13 500 AMPS 208 THRU 136 000 VOLT

Beyond harmonics and reactive compensation, the ADF can be used for flicker control, mitigate harmonics with Sensorless operation, and load balancing. The ADF design is tailored for unique applications requiring special optimization to help meet IEEE-519.

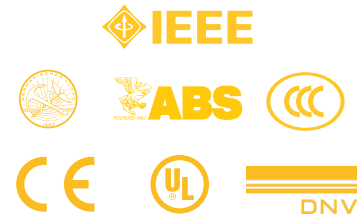
The WEB based operator interface optimizes power, and the modular design makes it easy and convenient to add future upgrades. The modularity also ensures superior scalability—up to 15 units can be used in parallel. The ADF is compatible with all three phase low voltage applications. By ordering the ADF with optional Wireless Access Point (WAP), commissioning & servicing wirelessly are easily accomplished with any Web Based Interface App.

WIRELESS ACCESS POINT TO ADF

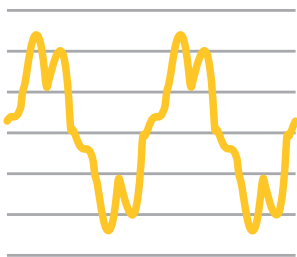


Technology that makes energy more efficient

ADF technology continuously monitors the network and injects the exact right amount of compensation current, at exactly the right time.

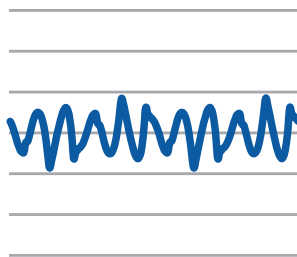


LOAD CURRENT



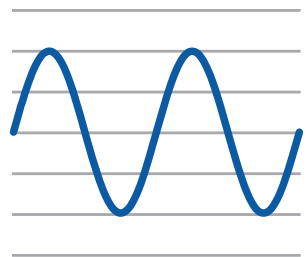
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ADF COMPENSATION CURRENT



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LINE CURRENT



Comsys AB does not assume any responsibility for use of any product or method described and also reserves the right to make changes at any time without prior notice in order to improve design and supply the best possible products.

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