

Generator and Motor Commander



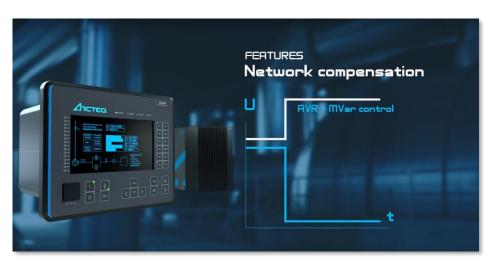
Generator and Motor Commander

Videos

Tame the beasts with

Generator and Motor Commander

https://youtu.be/1wAhC5D25Rc





About Arcteq

- Founded in 2010 by group of experienced x-ABB ja x-Vamp professionals
- Head office in Vaasa, Finland, offices:
 - Stockholm Sweden
 - Gdansk Poland
 - Sao Paulo Brazil
 - Shanghai China
 - Seoul South Korea
 - Tennessee USA
- Sales network coverage in about 50 countries
- Arcteq focuses 100% in protection and smart grid business





Made in Finland

- Research & Development Vaasa, Finland
- Circuit board Kyröskoski, Vaasa and Pietarsaari, Finland
- Assembly and testing Vaasa, Finland
- Main office Vaasa, Finland
- Ownership: Employees 80%, Ensto Oy 20%

93% Export in 2017







Power, Electricity and Efficiency

POWER PRODUCTION

Electrification and automation solutions for all power plants

POWER DISTRIBUTION

Substations and equipment for transmission and distribution networks



EXPERT SERVICES

VEO key figures





On average

8 %
Growth Per year



Generator and Motor Commander

The fist product in the world to integrate synchronous machine protection and control

- For about 1 250 MW brushless synchronous generators and motors
 (30A excitation at + 55 °C)
- The Generator Commander is ideal for any power plant or industrial application where both protection and control of generators or motors is needed
- Generator Commander replaces 4-5 units of traditional solution; one platform with one configuration & setting tool



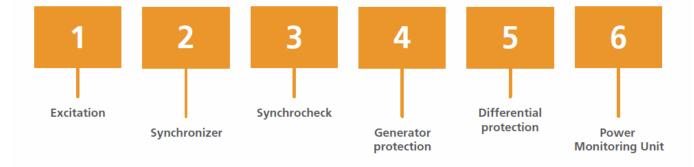


Integrated system

All in One

Traditional machine protection and control requiring up to 6 separate units.

- Excitation
- Synchronizer
- Synchrocheck
- Generator protection
- Differential protection
- Power Monitoring Unit



In the past all systems and even single protection functions were divided to separate units.

The Generator Commander does the same job with one unit



The key figures once more

