

THE GENERATOR AND MOTOR COMMANDER

SYNCHRONOUS MACHINE PROTECTION & CONTROL IN ONE PACKAGE

The Generator and Motor Commander combines protection and control of synchronous machines into one unit. Compared to traditional systems with several separate units and software, the Generator Commander takes less space and saves considerable hours of engineering time. Operation is smooth as there is only one interface to the system.

INCLUDED IN THE COMMANDER:

- Generator or Motor Protection
- Differential Protection
- Synchronizer with synchro check
- Power system stabilizer (PSS)
- Excitation control with external IGBT bridge
- Diode monitoring
- Power and Energy measurement (0.2S)
- IEC 61850, IEC 103/101/104, Modbus, DNP 3.0 and SPA protocols



BENEFITS OF THE GENERATOR COMMANDER:

- Over 86% space savings compared to traditional solution.
- Less spare parts needed.
- One, easy to use, software saves engineering time.
- The included software wizard adapts the data from the generator specifications and calculates the majority of the parameters directly.

