

High-end power supply – PROtop

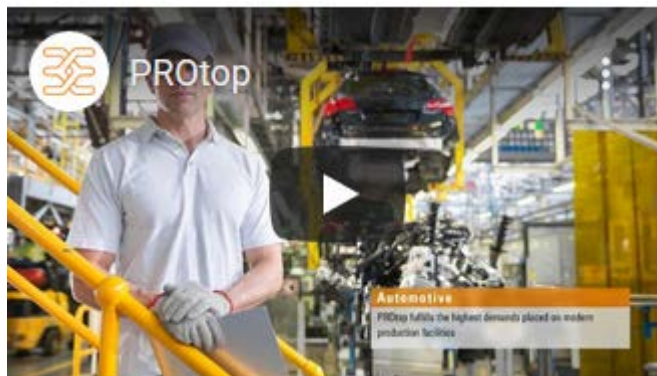
A permanent supply in any environment – today and in the future

High-performance power supply – fit for digitalisation

24/7 installations require a particularly reliable power supply that can withstand harsh environmental conditions.

Condition monitoring for targeted, preventive maintenance is therefore becoming increasingly important.

PROtop combines highest efficiency and compact housings with high durability and direct parallel connection without diode modules. This reduces costs and creates space in the control cabinet. Due to the powerful DCL technology, even difficult loads – motors, for instance – are operated smoothly, while circuit breakers are triggered reliably. The good communication capability allows permanent condition monitoring and full integration with control systems.



Your special advantages:

- Safe triggering of circuit breakers due to DCL
- High energy reserves for powerful engine starts due to DCL
- Highest efficiency and very long lifetime
- Extremely space-saving design
- Integrated O-Ring MOSFETs for redundancy or parallel operation without diode modules
- Future-proof due to optional communication modules that can be retrofitted at any time

Let's connect.



Communication-capable with retrofit solution

PROtop can be retrofitted with a communication module for the requirements of tomorrow. This retrofit solution is simply connected to the PROtop power supply and allows for the transmission of process data to the higher-level control system. This networks the power supply to other components within the system. The solution is remote-controllable and is integrated into a system's condition monitoring system.



Direct parallel connection option without diode modules

The integrated ORing MOSFETs in PROtop provide high power with minimal dimensions and do not require any additional assembly or wiring work. This reduces system costs and saves space in the control cabinet. The parallel operation option makes current sharing easier and guarantees maximum longterm stability.



Outstanding peak load reserves thanks to DCL technology

Thanks to the future-oriented DCL (dynamic current limiting) technology, high pulse reserves are available at all times. The resulting dynamic range can be used for the reliable triggering of circuit breakers or for powerful motor starts. At a motor's starting torque, for example, approx. 300 % power reserve will be available for approx. 100 ms, and 150 % for approx. 5 s.

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