

# Product Information

## CP Rectifiers SteProtec



The demands you place on your rectifiers are as unique as the objects you're protecting and the environments surrounding them. All rectifiers, however, have the same essential requirements: durability, sturdiness and quality. And that's what you get with SteProtec rectifiers and installed systems.

We provide you with exactly the right protective system for your unique field of application: everything from small tank rectifiers, station rectifiers for pipelines, protective systems for harbors, multi-output systems for LCP or casing protection right up to special units for protecting steel in concrete. And it's all available with optional CP telecontrol technology or even infinitely variable remote control.

### SteProtec CP Rectifiers

#### Highlights

- For CP / LCP / steel in concrete / tanks etc.
- We have a rectifier to suit every conceivable application
- Available as variable transformer or electronic versions, both with optional infinitely variable remote control
- Your choice of potential, voltage or current regulation
- Available in all the usual power ratings

#### Innovative. Reliable. Good.

Steffel. The name stands for extensive know-how in CP and also for durable rectifiers. But our units offer much more than just durability. The entire SteProtec range – from CP telecontrol technology to multichannel rectifier remote control – can be upgraded.

**CP**  
**LCP**  
**Steel in concrete**  
**Tank protection**  
**Offshore**  
**Habor facilities**  
**with optional**  
**remote control**



Some examples from our range of rectifiers

# Product Information

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### SteProtec CP Rectifiers

- Available in the usual power ratings
- Areas of application include pipelines, harbor facilities, the protection of steel embedded in concrete and casing protection.
- Compact design in a surface-mounted housing
- Service hour counter
- Primary and secondary sides fuse protection
- Optional multiphase motor drive for regulation / remote control (ISM2010 required)
- Integrated display instrumentation for:
  - output voltage
  - output current
  - potential



### SteProtec LCP Rectifiers

- Available in the usual power ratings
- Areas of application are usually industrial facilities, caverns (with integrated casing protection) etc.
- Multi-output unit in switching cabinet design
- Central terminal panels
- Service hour counter
- Primary and secondary fuse protection
- Optionally includes multichannel CP telecontrol technology (ISM2010)
- Optional multiphase motor drive (ISM2010 required)
- Customized instrumentation (depending on project)



### SteProtec Tank Protection Rectifiers

- Available in lower power ratings
- Very compact
- Designed to be mounted on distribution boards or in switching cabinets
- Mostly used in the field of tank protection
- Analogue gauge for output current as standard
- Primary and secondary fuse protection
- Optional multiphase motor drive (ISM2010 required)



### SteProtec Electronic Rectifiers

- For CP / LCP / tank protection / steel in concrete etc.
- Available in all the usual power ratings
- Very compact
- Designed to be mounted on distribution boards or in switching cabinets
- For all areas of application
- With remote control interface as standard instead of display instrumentation (ISM 2010 required)
- Primary and secondary fuse protection.



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