

## CP Rectifier

### 10mA, 300mA and 3A version

- CP Rectifier
- GSM or UTMS based control as option
- Polarization, current or voltage controlled
- Overvoltage and lightning protected
- IP 65



CP rectifier for Buried pipelines and tanks.

AC filter, Type A1+ and A2+ (option)

Build in Relay and timer for instant-off measurement's.

Instant-off synchro, using multiple rectifiers. (option).

10mA type on request.





## CP Rectifier

### 300mA and 3A version



#### Type A1

Input voltage 230 V $\sim$

Voltage system 1 N PE  $\sim$  230V TN – S

Input frequency 50 – 60 Hz

Input voltage range -25% to +15 %

Maximum input phase current 0.1 A

Nominal insulation voltage 500V

Insulation strength input - output 4 kV AC

Maximum input power 20W

Output voltage 0 ÷ 24V  $\pm$ 1%,

Output current 0 ÷ 300 mA  $\pm$ 1%

Output short circuit resistance, galvanic separation

Polarization voltage setting 0 ÷ 5 V  $\pm$ 1%

Polarization voltage stability, DC shift standard  $\pm$ 5 mV, max.  $\pm$ 25 mV

Ingress protection IP 65

Dimensions mm. (W x H x D) 300 x 400 x 200

Control panel built in, with LCD and buttons

Lightning protected, 100kA, 10/350 $\mu$ s

#### Type A2

Input voltage 230 V $\sim$

Voltage system 1 N PE  $\sim$  230V TN – S

Input frequency 50 – 60 Hz

Input voltage range -15% to +15 %

Maximum input phase current 0,5 A

Nominal insulation voltage 500V

Insulation strength input - output 4 kV AC

Maximum input power 100W

Power factor correction without

Output voltage 0 ÷ 24V  $\pm$ 1%, at I<sub>out</sub>>0,1A

Output current 0 ÷ 3 A  $\pm$ 1%

Output short circuit resistant

Polarization voltage setting -5 ÷ 5 V  $\pm$ 1%

Polarization voltage stability, DC shift standard  $\pm$ 5 mV, max.  $\pm$ 25 mV

Ingress protection IP 65

Dimensions mm. (W x H x D) 300 x 400 x 200

Control panel built in, with LED display and buttons

Lightning protected, 100kA, 10/350 $\mu$ s