

Rectifier PSW 60



Overview

The PSW 60 is a multi-channel DC/DC converter designed for cathodic protection applications.

Each individual converter can be configured for different number of output channels: 4 x 1A, 2 x 2A, 1 x 4A, 4 x 100 mA, 2 x 200 mA, or 1 x 400 mA is available.

The modules are controlled by the Thor Control System via CAN field bus or via a 0-10 VDC signal.

On the individual modules a display are fitted that shows ID number, Current, Voltage and alarms for the individual channels.

The modules can also be operated as standalone units, then controlled by a potentiometer (0-10 V).

Each module is equipped with a block input signal for interrupt measurements.

Technical Data

Automatic Control

Fully controlled by the Thor Control System via CAN Field bus.

Manual Control

Input 0-10 VDC
Signal output Current 0-1 A, Voltage 0-1 V

Module Data

Input 24VDC \pm 10 %,
Output 15 V / 4 x 1 A, 2 x 2 A, 1 x 4 A
15 V / 4 x 100 mA, 2 x 200 mA
1 x 400 mA

Mode of operation

Constant Current Constant Voltage
Constant Potential (up to 96 reference electrodes)

Alarms

Hi/Low Current/Voltage/Block signal input for interrupt Potential measurement.

Dimensions

215 x 60 x 130 (l x b x h mm)