OC35-W
POWER TRANSMITTER

OWNER'S MANUAL

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Vor dem Einschalten

Überzeugen Sie sich, ob Ihre Sendung das richtige Gerät Orbit Controls Modell OC 35-W beinhaltet, einschliesslich einer Betriebsanleitung OC 35-W
Vor dem Einschalten des Gerätes überprüfen Sie die Anschlüsse und die Versorgungsspannung. Ein falsch angeschlossenes Gerät kann beschädigt werden und damit auch die mitverbundene Folgeelektronik. Für falsche Handhabung wird jede Haftung abgelehnt.

ZU BEACHTEN

Dieses Gerät wurde sorgfältig verpackt. Falls es bei Ihnen in beschädigtem Zustand eintrifft, benachrichtigen Sie unverzüglich den Orbit Controls Kundendienst (Tel: +41 1 730 2753 oder Fax: +41 1 730 2783) und nehmen Sie einen Schadenrapport auf, welchen Sie auch von der Transportgesellschaft unterschreiben lassen. Bewahren Sie bitte das Verpackungsmaterial für eventuelle Reklamationen auf.

Unpacking Instructions

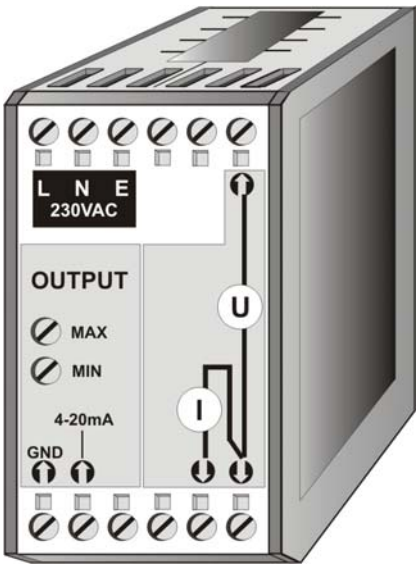
Remove the Packing List and verify that you have received all equipment, including the following:
Orbit Controls Model OC 35-W.
Operator's Manual OC 35-W.
If you have any questions about the shipment, please call the Orbit Controls Customer Service Department.

NOTE

When you receive the shipment, inspect the container and equipment for signs of damage. Note any evidence of rough handling in transit. Immediately report any damage to the Orbit Controls customer service, Phone +411 730 2753 or Fax +411 730 2783 and to the shipping agent.
The carrier will not honour damage claims unless all shipping material is saved for inspection. After examining and removing contents, save packing material and carton in event the reshipment is necessary.

Power Transmitter for true RMS Signals
OC35-W

- √ **True RMS Power Measurement**
- √ **DC and AC Voltage**
- √ **DC and AC Currents**
- √ **Analogue Output 0-10V isolated**
- √ **Analogue Output 4-20mA isolated**
- √ **Supply 230VAC or 24V DC**
- √ **For 35 mm DIN Rails**



OC35-W is an industrial Transmitter for true R.M.S. Power Measurements. It converts the DC or AC Power into 0/4-20mA, 0-5V or 0-10V output analogue signal. It is powered from mains or DC source. The output process signal is isolated from the input and from the power supply.

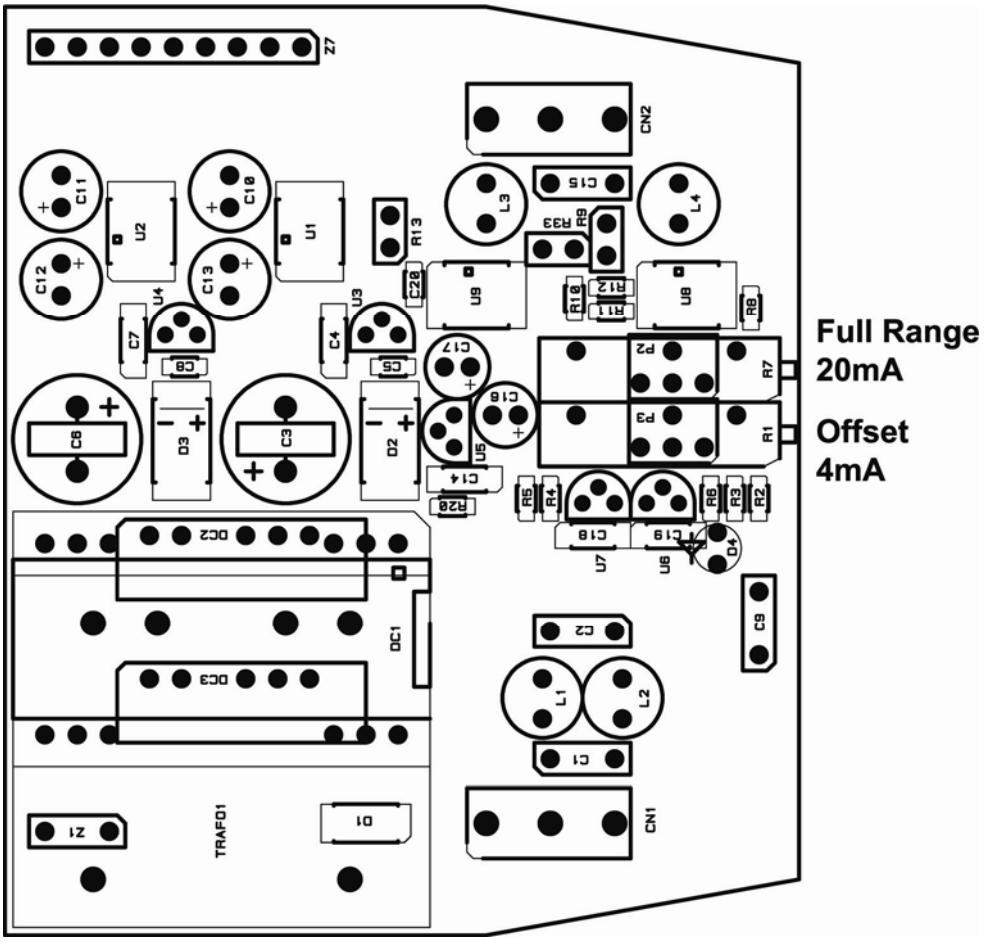
The output signal can be adjusted with two potentiometers inside the instrument or optionally at the front. The potentiometer MIN calibrates NULL or 4mA, the potentiometer MAX calibrates 10V or 20mA.

The connection is via screw terminals. The instrument is designed for 35mm DIN Rails.

SPECIFICATIONS

Inputs:	Voltage Ranges:	0 ... 230 VAC, true r.m.s
	Current Ranges:	0 ... 5 AAC, true r.m.s. For large currents 60mV or 150mV external shunts can be used.
Frequency Range:	DC - 1kHz.	
Calibration:	Factory calibration for the ordered ranges.	
Outputs:	Voltage Output:	0 ... 10V isolated. Isolation 250V r.m.s. or
	Current Output:	4 - 20mA isolated with 250V r.m.s.
Accuracy:	Voltage Ranges:	± 0.1% from Range
	Current Ranges:	± 0.1% from Range
	The accuracy stated is for DC or AC signals at 50 Hz. The response time is 1 sec.	
Tempco:	Temperature Coefficient ± 50 ppm/°C.	
Adjustments:	Potentiometer MAX and MIN inside or optionally at the Front for 0V/4mA and 10V/20mA.	
Supply:	Standard:	230V ± 10%, 48 - 60Hz, 2VA.
	Option DC:	24V DC (18 - 36V), 2W.
Case:	For 35mm DIN rails. Dimensions: 75 x 79 x 40 mm, 200 g.	
Terminals:	Screw terminals.	

CALIBRATION



The potentiometer Offset (4mA) and Full Range (20mA) are accessible internally.
The can optionally be ordered for front access.

RECOMMENDED CONNECTIONS

IMMUNITY TESTS

E.U.T.: OC35-W
Serial Nr.: 200329
Supply: 230VAC
Input: 230 VAC, 5A AC
Output: 4 - 20 mA isolated

Technician: S. Batinic. Zürich, 23.3.2000

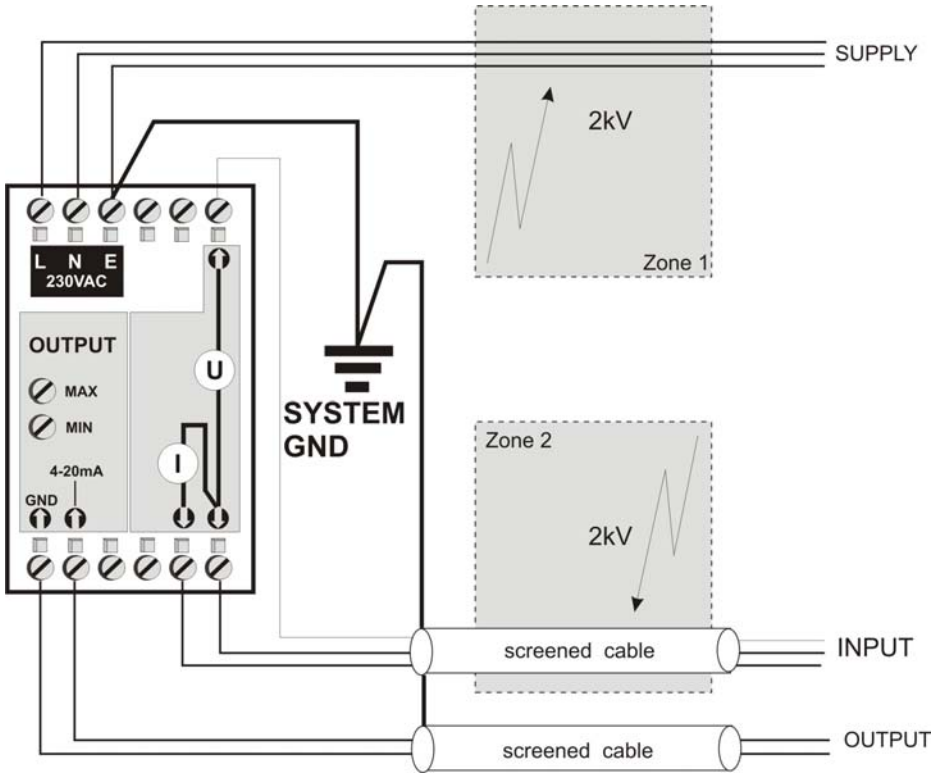
TESTER

HILO CE Tester

CE-NORMS

IEC 801 - 4
IEC 1000-4-4
EN 50052-1

TEST SET - UP



TEST RESULTS

With standardized burst of 2kV into the supply (Zone 1) or into the input signal (Zone 2) the output signal remains within the specified tolerances of ± 0,1%.