

AC/DC Transmitter AC-25



- Galvanically isolated input/output and supply.
- Current metering 0-1/5 A RMS via internal shunt.
- True RMS or AC-average.
- Signal frequency 40-400 Hz.
- Supply voltage 24, 115, 230 VAC, 24 VDC.
- Standard 11-pole relay socket.

Range of applications:

AC current metering over current transformer. Direct AC volt measuring.

Technical characteristics:

Input current:	0-1 / 0-5 A AC
Input resistance:	0,1 ohm
Input voltage:	0-200 mV to 0-250 V AC
Input resistance:	Approx. 100 kohm
Output signal current:	0/4-20 mA
Load:	Max. 600 ohm
Current limitation:	Approx. 26 mA
Output signal voltage:	0-10 V
Load:	Min 600 ohm
Voltage limit:	Approx. 13 V
Response time ascending:	Approx. 1 sec, 0-90%
Response time descending:	Approx 5 secs, 100-10%
Adjustment of zero point and range is available on the front of the trim potentiometers.	
Zero point adjustment:	± 5 %
Range adjustment:	± 10 %
AC/DC-transmitters are delivered with input/output signals calibrated according to client preferences.	



Electrical specifications:

Supply voltage AC:	24, 115, 230 V ± 10 %, 50-60 Hz, approx. 4 VA
Supply voltage DC:	24 VDC ± 15 %, 70 mA
Linearity error:	0,1 % FS
Temperature drift:	0,01 % FS/ °C
Max. non-accurate sinus:	0,5 %
Max. non-accurate CF5:	2,5 % when V top / V rms = 5
Isolation voltage:	2 kV DC
EMC-data:	EN50 081, emission, EN50 082, immunity
Ambient temperature:	-20 to +50 °C



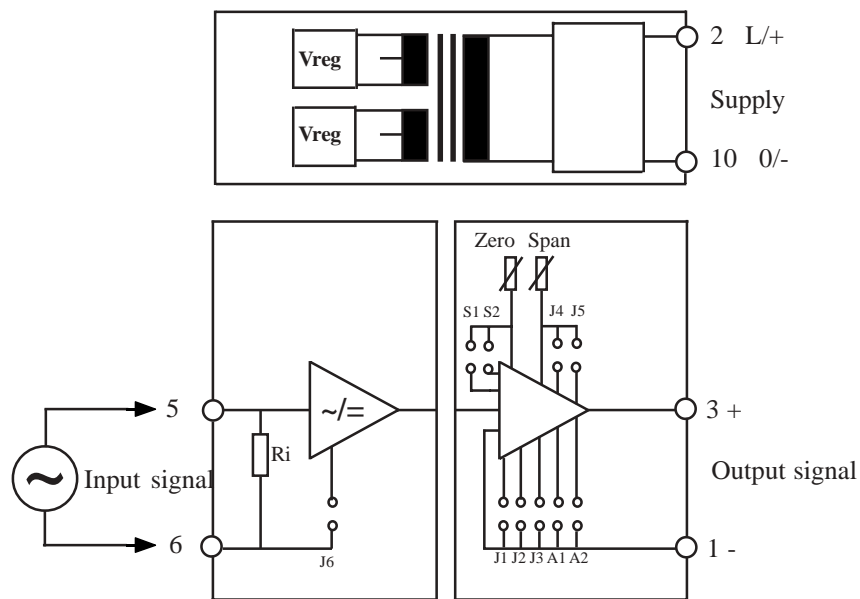
Bangatan 15
S-273 34 Tomelilla
Sweden
www.anatronic.se

Phone +46 417 144 11
Fax +46 417 142 55
info@anatronic.se

**Order: AC-25 - Input signal - Measuring method -
Output signal - Supply**

Input signal:	Measuring method	Output signal:	Supply:
0-1 A AC -001	Medelvärde -AC	0-20 mA -020	24 VDC -724
0-5 A AC -005	Sant rms -RMS	4-20 mA -420	24 VAC -024
0-250 V -250		0-5 VDC -005	115 VAC -115
Special -0		0-10 VDC -010	230 VAC -230

Connecting up diagram:



Programming jumpers:

Measuring method	Jumpers	Output signal	Jumpers
RMS	J6	0-20 mA	J2, J4, A2
AC	-	0-5 VDC	J1, J3, J4, A1
		0-10 VDC	J1, J3, J4
		4-20 mA	J2, A2, S2
		1-5 VDC	J1, J3, A1, S2
		2-10 VDC	J1, J3, S2

Mechanical specifications:

