



RF I/O EXPANSION MODULE A16000

A16000 MODULE

The RF I/O Expansion Model A16000 can expand the inputs or outputs to 16. Up to four internal cards can be added to the A16000. Internal cards can include analog or digital inputs or outputs. Each card has up to four inputs or outputs. Cards can be mixed, example: four 4-20mA inputs, four 4-20mA outputs, eight relay outputs. The A16000 is powered by the A750 or A753 via Anabus.

Specifications

INPUTS:

Inputs four per card (except RTDs), four cards maximum:

- 4-20mA
- 0 to 5 Vdc
- Thermocouples (J,K,E,N,T) full range, linearized
- RTD .000385 curve (two 3 wire RTDs per card)
- Four discrete (switch or logic) card, inputs can be wet or dry contact (3.3 to 32Vdc)

Discrete (switch or logic):
Wet or dry contacts (Dry contact range: 5 to 32Vdc)

OUTPUTS:

Outputs four per card, four cards maximum:

- 4-20mA
- 0 to 5Vdc (contact factory for other Vdc outputs)
- Four discrete (switch or logic) card, inputs can be wet or dry contact
- Four relay contacts, relays with N.O. or N.C. contacts, specify when ordering contact ratings: 0.5A at 125VAC, 2A at 30VDC

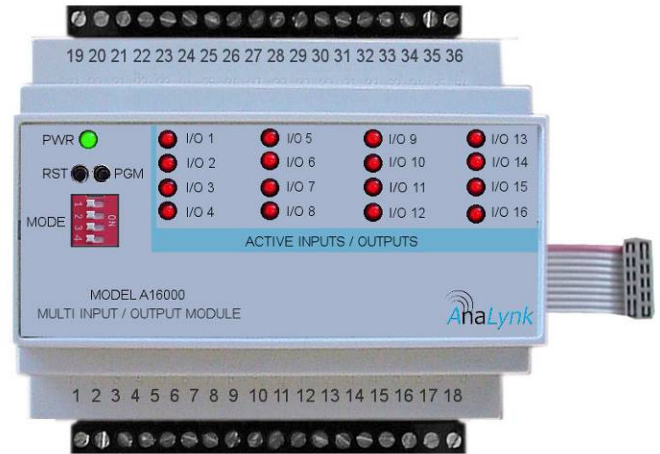
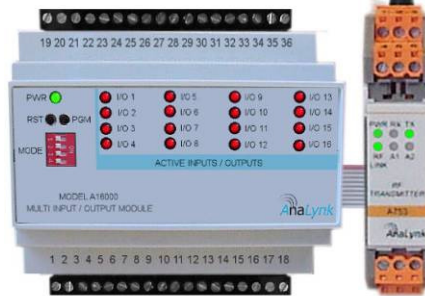
POWER:

Not required (provided by Anabus)

OPERATING TEMPERATURE RANGE:

-40°C to +85°C

A16000 connected to
A753 transmitter
(A753 sold separately)



APPLICATIONS

- Expanding analog/digital inputs and outputs at the A750, A753
- Send control information back to transmitter.

Ordering Information:

Order by description.

Examples:

*A16000 4AI-4-20mA, 4DI-dry
Four 4-20mA inputs, 4 discrete inputs with dry contacts*

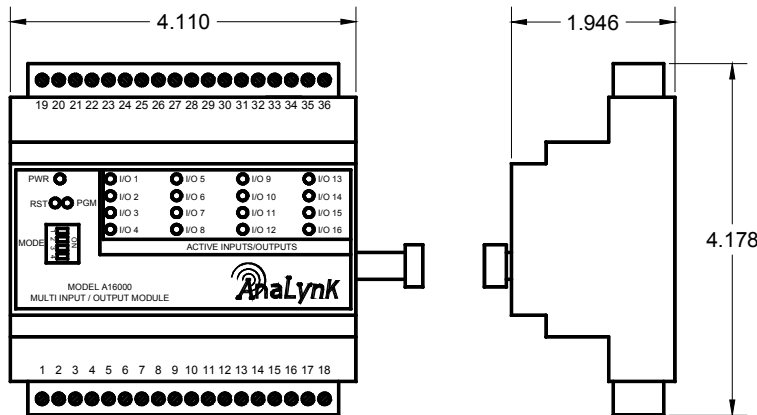
*A16000 4DI-wet, 4 DO, 4 DO-relay
Four discrete wet inputs, 4 discrete outputs, 4 relay outputs*

*A16000 2AI-RTD, 4DI-dry
Two RTD inputs and 4 dry contact inputs*

Ordering information

INPUTS				Comments
TC Inputs				
4AI-TC-J	8AI-TC-J	12AI-TC-J	16AI-TC-J	(note 1)
4AI-TC-K	8AI-TC-K	12AI-TC-K	16AI-TC-K	(note 1)
4AI-TC-E	8AI-TC-E	12AI-TC-E	16AI-TC-E	(note 1)
4AI-TC-N	8AI-TC-N	12AI-TC-N	16AI-TC-N	(note 1)
4AI-TC-T	8AI-TC-T	12AI-TC-T	16AI-TC-T	(note 1)
4-20mA				
4AI-4-20mA	8AI-4-20mA	12AI-4-20mA	16AI-4-20mA	
0-5Vdc				
4AI-0-5Vdc	8AI-0-5Vdc	12AI-0-5Vdc	16AI-0-5Vdc	(note 2)
RTD				Pt100 0.000385 curve
2AI-RTD	4AI-RTD	6AI-RTD	8AI-RTD	two RTDs per card (note 1)
Discrete Wet				
4DI-Wet	8DI-Wet	12DI-Wet	16DI-Wet	3.3 to 32Vdc
Discrete Dry				
4DI-Dry	8DI-Dry	12DI-Dry	16DI-Dry	
<i>Note 1:</i>		<i>Include temperature range when ordering.</i>		
<i>Note 2:</i>		<i>Other input voltages available, contact factory</i>		

OUTPUTS				Comments
4-20mA				
4A0-4-20mA	8A0-4-20mA	12A0-4-20mA	16A0-4-20mA	
0- 5Vdc				
4A0-0-5Vdc	8A0-0-5Vdc	12A0-0-5Vdc	16A0-0-5Vdc	other voltages available
Digital Output				24Vdc @ 50mA max
4DO	8DO	12DO	16DO	
Relay Output				0.5 A at 125 VAC, 2 A at 30 VDC
4DO-N.O.	8DO-N.O.	12DO-N.O.	16DO-N.O.	normally open
4DO-N.C.	8DO-N.C.	12DO-N.C.	16DO-N.C.	normally closed



Dimensions are in inches.