



SynqNet™

TA805 ANALOG I/O

TA805-D01 INPUT, OUTPUT
TA805-E01 INPUT
TA805-F01 OUTPUT

SMART SOLUTIONS IN MOTION CONTROL

ANALOG REMOTE I/O BLOCK
(SynqNet Enabled Analog I/O)

THE TA805 SYNQNET REMOTE ANALOG I/O BLOCK from Trust Automation completes SynqNet distributed networks by providing SynqNet enabled Analog Input, and Output. It is designed for easy terminal breakout block free installation into OEM machines.

The standard configuration offers eight (8) Analog inputs, and four (4) Analog outputs using industry standard high density D-Sub connectors. Simple cabling provides a direct connection I/O system while maintaining the lowest cost possible.

The Trust Automation family of SynqNet products allows traditional Drives, Digital I/O and Analog I/O to be integrated together into a SynqNet Industrial Distributed Motion Network.

By incorporating this flexible interconnect architecture into a SynqNet network, custom connections and features can be developed for specific applications.



FEATURES

- SynqNet Network
- (8) Differential Analog Inputs
 - Bipolar or Unipolar Input
- (4) Differential Analog Outputs
 - Bipolar Output of $\pm 10V$
- Complete Status LED's For SynqNet



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PINOUTS

J4 ANALOG OUTPUT - 26 PIN HIGH DENSITY D-SUB FEMALE (TA 805-D01 & E01)

#	DESCRIPTION	#	DESCRIPTION	#	DESCRIPTION
1	CMD DAC 0 OUTPUT	10	ISO GND RTN	19	ANALOG RTN
2	AUX DAC 0 OUTPUT	11	ISO GND RTN	20	ANALOG RTN
3	ISO GND RTN	12	ISO GND RTN	21	ISO GND RTN
4	CMD DAC 1 OUTPUT	13	ISO GND RTN	22	AMP ENABLE 0-
5	AUX DAC 1 OUPUT	14	ISO GND RTN	23	AMP ENABLE 1-
6	ISO GND RTN	15	ISO GND RTN	24	ISO GND RTN
7	AMP ENABLE 0+	16	LOCAL 24 VDC	25	SHUTDOWN +
8	ISO GND RTN	17	ISO GND RTN	26	SHUTDOWN -
9	AMP ENABLE 1+	18	SHIELD - CHASSIS		

J5 ANALOG INPUT - 26 PIN HIGH DENSITY D-SUB MALE (TA 805-D01 & F01)

#	DESCRIPTION	#	DESCRIPTION	#	DESCRIPTION
1	INPUT 0+	10	SHIELD – CHASSIS	19	INPUT 0-
2	INPUT 1+	11	SHIELD – CHASSIS	20	INPUT 1-
3	INPUT 2+	12	SHIELD – CHASSIS	21	INPUT 2-
4	INPUT 3+	13	SHIELD – CHASSIS	22	INPUT 3-
5	INPUT 4+	14	SHIELD – CHASSIS	23	INPUT 4-
6	INPUT 5+	15	SHIELD – CHASSIS	24	INPUT 5-
7	INPUT 6+	16	SHIELD – CHASSIS	25	INPUT 6-
8	INPUT 7+	17	SHIELD – CHASSIS	26	INPUT 7-
9	SHIELD – CHASSIS	18	SHIELD – CHASSIS		

J1 & J2 SYNQNET: RJ-45

POWER – PHOENIX CONTACT 5.0MM PLUGGABLE HEADER (MATING POWER CONNECTOR PROVIDED)

REV.3