ENCODER REMOTE I/O BLOCK
(SynqNet™ Enabled Encoder i/O)

The TA807 SynqNet® Remote Encoder Input Block from Trust Automation further increases options for SynqNet distributed networks by allowing SynqNet enabled Auxiliary Encoder inputs. It is designed for easy terminal breakout block free installation into OEM machines.

The standard configuration offers two (2) Encoder input channels, consisting of Quad A, Quad B, and Index Z differential signals. Trust Automation's TA807 Encoder Input Blocks support differential input signal connections to protect sensitive encoder counts, and feature internal termination with Broken Wire fault detection. All Trust Automation SynqNet modules include robust packaging and status LEDs.

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

FEATURES

SynqNet Network

(2) Encoder Input Channels
Differential Quad A
Differential Quad B
Differential Index A
Complete Status LED's For SynqNet
Isolated 5V Front Panel Source (4 pins)
Isolated Front Panel Return (4 pins

TRUST™
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J4 ENCODER INPUT – 26 PIN HIGH DENSITY D-SUB MALE (TA807-E01)

PIN #	DESCRIPTION	PIN #	DESCRIPTION
1	ENC 0 A+	14	ISO GND RTN
2	ENC 0 B+	15	ISO 5V DC
3	ENC 0 Z+	16	ISO GND RTN
4	NC	17	ISO 5V DC
5	ENC 1 A+	18	SHIELD - CHASSIS
6	ENC 1 B+	19	ENC 0 A-
7	ENC 1 Z+	20	ENC 0 B-
8	NC	21	ENC 0 Z-
9	SHIELD - CHASSIS	22	NC
10	I SO GND RTN	23	ENC 1 A-
11	ISO 5V DC	24	ENC 1 B-
12	ISO GND RTN	25	ENC 1 Z-
13	ISO 5V DC	26	NC

J1 & J2 SYNQNET: RJ-45

J3 POWER – PHOENIX CONTACT 5.0MM PLUGGABLE HEADER
(MATING POWER CONNECTOR PROVIDED)

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