

TOMAR MODEL 2087
LED Confirmation Light Driver
INSTRUCTION SHEET

IS0434-04
02-12-2008

The Tomar Model 2087 LED Preemption Confirmation Light Driver can control up to 4 preemption approach LED Confirmation Lights. The Model 2087 confirmation output is regulated by the Tomar 3140 Optical Signal Processor.

The Model 2087 will Steadyburn one of the four LED approaches to indicate acknowledgement of the Preemption request and confirmation of intersection priority authorization by the Optical Signal Processor.

LED Steadyburn = Approach has Intersection Priority.

The Model 2087 will Flash one, or more, of the four LED approaches to indicate acknowledgement of the Preemption request and confirmation that the approach is currently being superseded by a previous, or higher priority, Preemption Signal from another approach at this intersection.

LED Flashing = Approach does NOT yet have Intersection Priority - this approach has been superseded by another approach.

INSTALLATION WARNING - DO NOT APPLY POWER UNTIL ALL CONNECTIONS ARE PROPERLY TERMINATED.

TOMAR Electronics, Inc.

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Wiring

+12 to 24 VDC	Terminal # 9
Power Ground	Terminal # 12

Ground LED Lamp 1	Terminal # 1
Ground LED Lamp 2	Terminal # 2
Ground LED Lamp 3	Terminal # 3
Ground LED Lamp 4	Terminal # 10

+ VDC LED Lamp 1	Terminal # 4
+ VDC LED Lamp 2	Terminal # 5
+ VDC LED Lamp 3	Terminal # 6
+ VDC LED Lamp 4	Terminal # 7

Connect the 3-12C Cable from the Optical Signal Processor to the Model 2087 LED Confirmation Light Driver. The Model 2087 Red LED is illuminated to indicate microprocessor power is being supplied from the 3140 Optical Signal Processor. Note: If more than one optional device is being connected to the Optical Signal Processor, by way of a 3-12C cable, the Model 2087 must be the last device in the network.

2087 WARRANTY

TOMAR Electronics, Inc. warrants the product described herein for a period of 2 years under normal use and service from the date of manufacture as marked on the product, that the product will be free of defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser connecting the unit to the wrong voltage or polarity, or lightning damage.

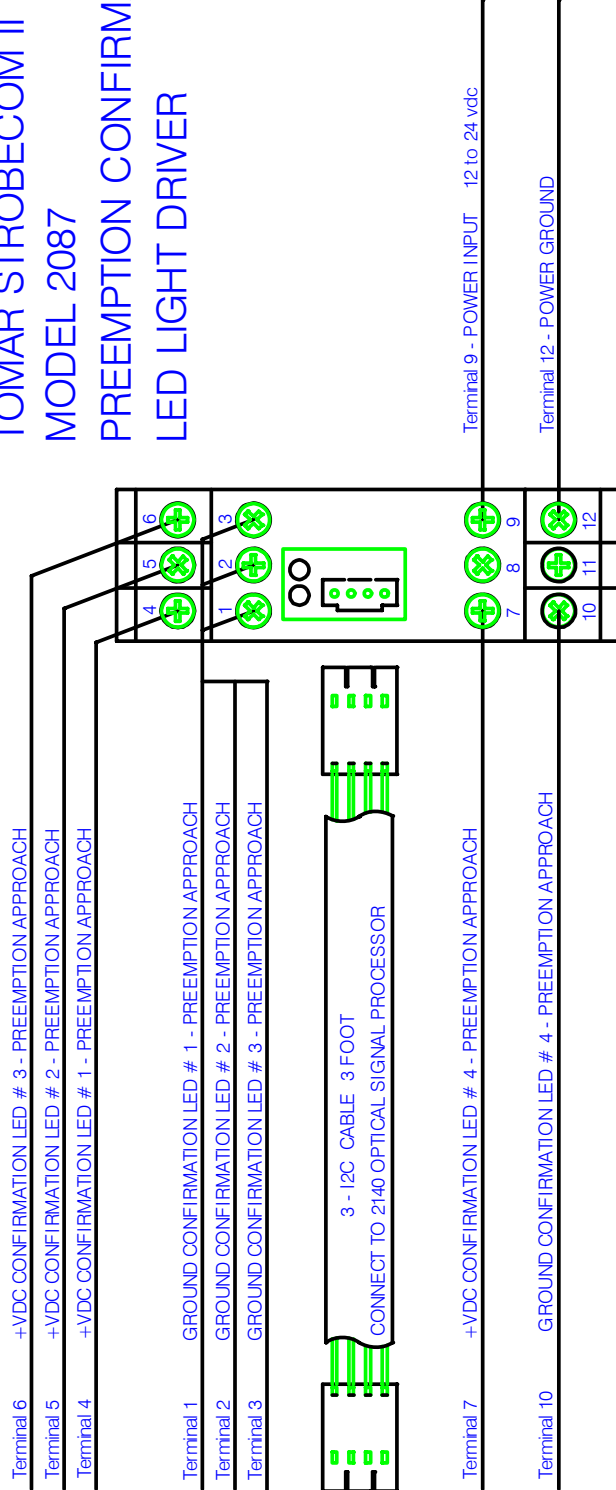
THERE IS NO WARRANTY OF MERCHANTABILITY; THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION HEREIN. THERE ARE NO WARRANTIES EXPRESSED OR IMPLIED OR ANY AFFIRMATION OF FACT OR REPRESENTATION EXCEPT AS SET FORTH HEREIN.

TOMAR Electronics' sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at TOMAR's option, of a part or parts not so conforming to the warranty. All products requiring warranty service shall be returned to TOMAR within 2 years of manufacture, shipping prepaid. TOMAR will return repaired or replaced products to the purchaser via prepaid ground transportation. In no event shall TOMAR be liable for damages of any nature, including incidental or consequential damages, including but not limited to any damages resulting from non-conformity, defect in material or workmanship.

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TOMAR STROBECOM II MODEL 2087 PREEMPTION CONFIRMATION LED LIGHT DRIVER



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