LTX Decoder/Driver

The LTX Decoder/Driver (LTX-DDV) board is designed to provide status outputs for an LTX-8 or LTX-16 Alarm Transmitter via its Local Indication Port (LIP).

The LTX-DDV board provides 40x250mA open-collector pulldown outputs, each mapped to a specific event.

If interfaced to an LTX8, a LTX8 LIP Encoder Interface board is required

Features (standard configuration)

- Latching or non-latching operation (link-selectable)
- Flashing or non-flashing outputs (link-selectable)
- SGD Isolate optionally translated to Defect (link-selectable)
- On-board visual indication for Global Defect and ATS Failure. LIP Poll Failure indicated via LED and external 12V pulldown output
- Multiple LTX-DDV boards can be operated from a single LTX
- SGD Fire & 16 SGD Defect (flashing)
- Global Fire (flashing & steady), Global Defect (flashing & steady) and Global Normal (steady)
- LTX-DDV Low Battery, LIP Poll Fail, ATS Poll Fail

In addition to the standard mapping, the LTX-DDV board can be factory-configured to customer specification:

- Mappable SGD status codes are Fire, Defect, Isolate, Test, Normal and Communications Fail
- Mappable LTX status codes are ATS Fail, Low Battery, Mains Fail, Tamper and Door Open
- Other mappable codes are Low Battery and LIP Poll Fail for the LTX-DDV board

SPECIFICATIONS

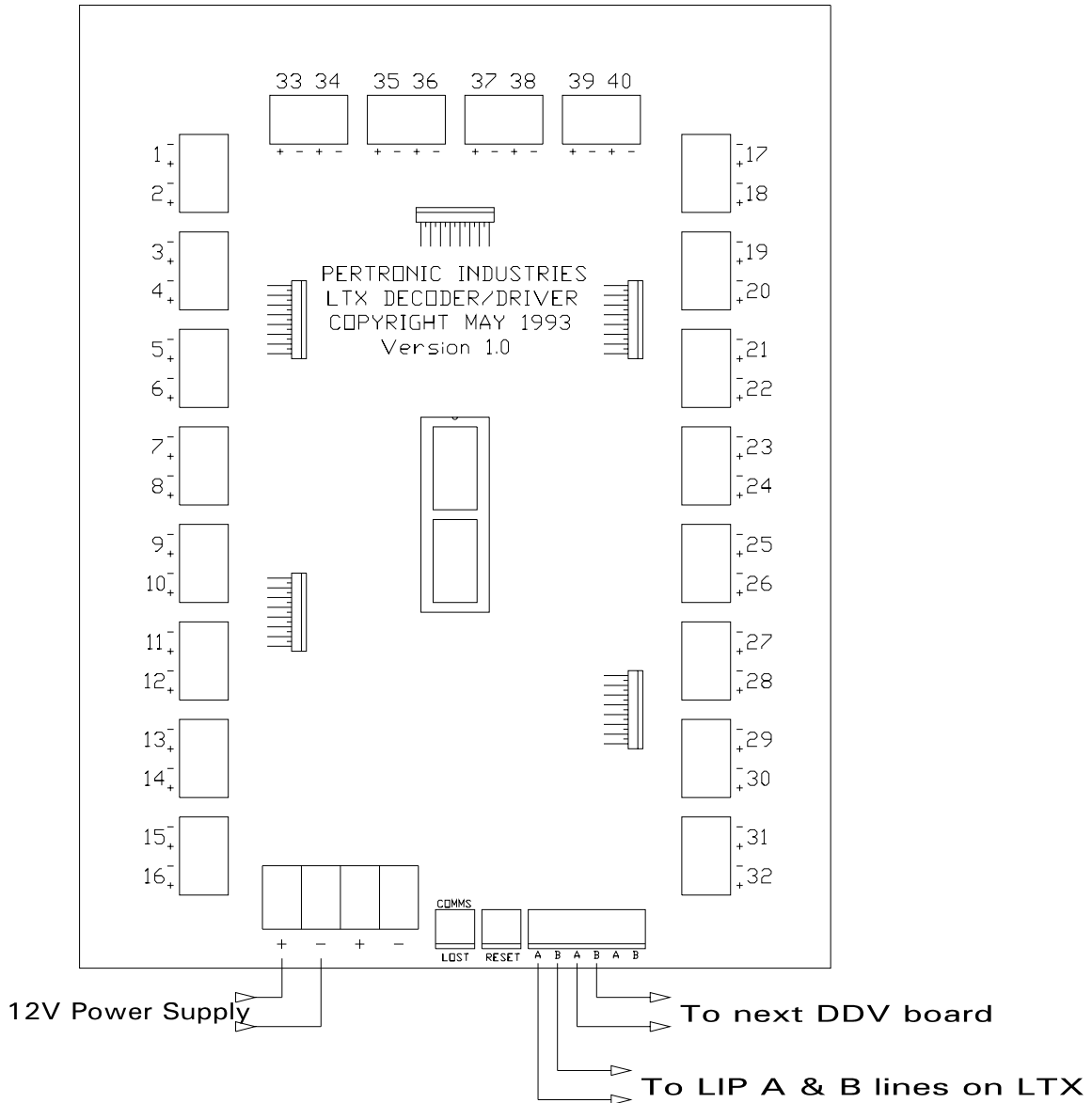|	
Size:	195W x 250H x 25D (mm)
Power Supply:	13.6VDC (12V nominal), recommended 1A minimum
Min Current:	35mA (in NORMAL state)
Max Current:	90mA (all outputs on, excluding external loads)

PART CODES

LTX16DBD	LTX16 Decoder Driver printb'd assy, v1.0
LTX8ENC	LTX-8 Encoder, v1.0

Connections:

33 34	35 36	37 38	39 40

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LTX DECODER/DRIVER
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Version 1.0

COMMS

LOST RESET A B A B A B

12V Power Supply

To next DDV board

To LIP A & B lines on LTX

Typical Output Circuit

Output -

Output -

Output +

Output +

Max load 250mA

-ve
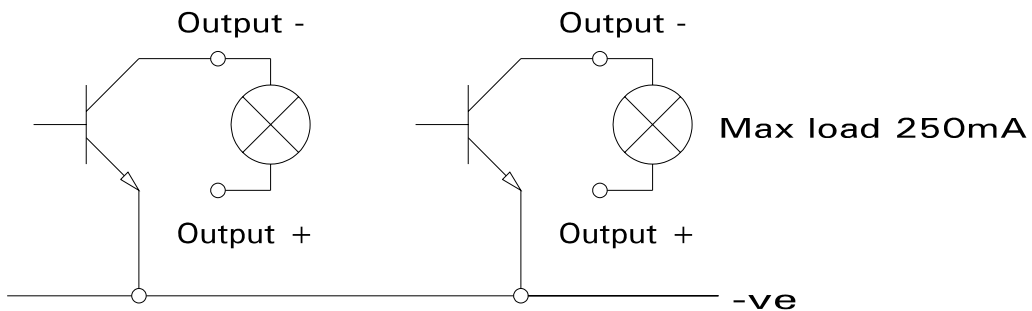
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