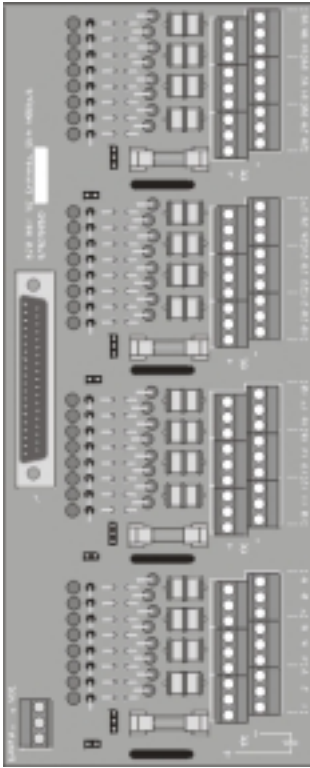


## GTB255d

32 Channel sourcing digital input block



### Features

- *Thirty-two ac/dc digital input channels.*
- *Interfaces with high-density digital input modules.*
- *Excitation voltage and signal termination per channel.*
- *LED annunciator per channel.*
- *Transient protection per channel.*
- *Easy installation with DIN rail or 100mm channel.*

The GTB255d provides 32 channels of interface for sourcing digital input modules with low voltage dc or ac signals. Channels are organized in four groups of Eight channels each. Each group has power and ground provided independently of other groups and may be operated in an isolated mode. Power is fused protected for each group and can be jumper selected

for system power or isolated user provided power. Transient protection is provided to all I/O channels and power groups and optional lightning protection is available. I/O terminations provide screw clamp TB's which accommodate #14 AWG wire. Each GTB255d connects to I/O modules via a 37 wire round cable to industry standard D-shell connector.

<i>Specifications</i>	
Compatibility:	digital input modules with low Vdc or ac signals.
Number of Inputs (per common):	32 (8/common)
Load Voltage:	18 – 75 Vac/dc.
Load Current:	5 mA
Indication:	Status LED, per channel.
Isolation:	Group power isolation
Input Configuration:	Sourcing (PNP)
External Power:	24 Vdc
External Terminations:	Screw-clamp terminal blocks, 12 AWG.
Interface:	37 pin D-sub, male.
Dimensions:	250 x 100 x 60mm

### Ordering Information

GTB255d      32 Channel sourcing digital input, 14 AWG fixed TB1, 250 x 100mm.

### Assembly Options

-G              350V gas tubes.  
-DTB          12 AWG fixed dual-row terminal block.  
-DPTB        12 AWG pull-apart dual-row terminal block.