ZIZTEL LTD020

ACCESS UNIT EXPANSION LINE TERMINATION DEVICE

DS-242 Issue 01

Thank you for your interest in Ziztel - we are a UK based manufacturer of PAGA and Intercom products.

Our systems are mainly designed for use in the Hazardous Oil, Gas and Petrochemical industries.

The LTD020 allows termination of up to six safe/hazardous area PAGA access units with expansion facilities to allow an ultimate execution of eighteen stations per network. Where greater numbers are required specify Ziztel concentrator ZX101.

Please do not hesitate to contact us for further information on our products we look forward to working with you on a project soon...

ZIZTEL LTD020

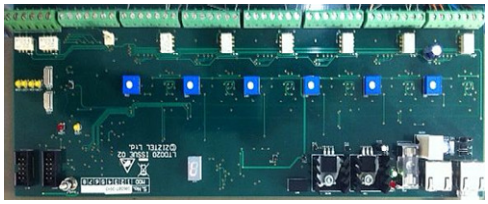
Connection for up to six (6) PAGA access units – Expandable up to eighteen (18) per SLIC

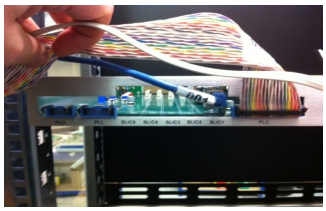
RJ45 patch cord connectivity - Simple installation

PC download of project-specific cause and effect – future-proof

Compatible with A+B/A+B N+2/N+1 architectures – Mission critical safety systems

The Ziztel LTD020 is a DIN rail mount line termination device which facilitates connection for up to six PAGA access units. A local network is extended from the host ZX100 management processor subscriber line interface (SLIC A) which can support up to three LTD020 devices thereby providing an ultimate assignment capacity of eighteen full featured access units per SLIC A. The LTD020 connects to the ZX100 SLIC A by a standard RJ45 patch cord with expansion to other LTD020 established on a simple loop in/out "cascade" basis.





Above photo set shows LTD020 termination device (left) ZX100 host PAGA processor (centre), note the blue RJ45 connection lead to LTD020 is extended from a standard ZX100 SLIC A subscriber line interface card (right).

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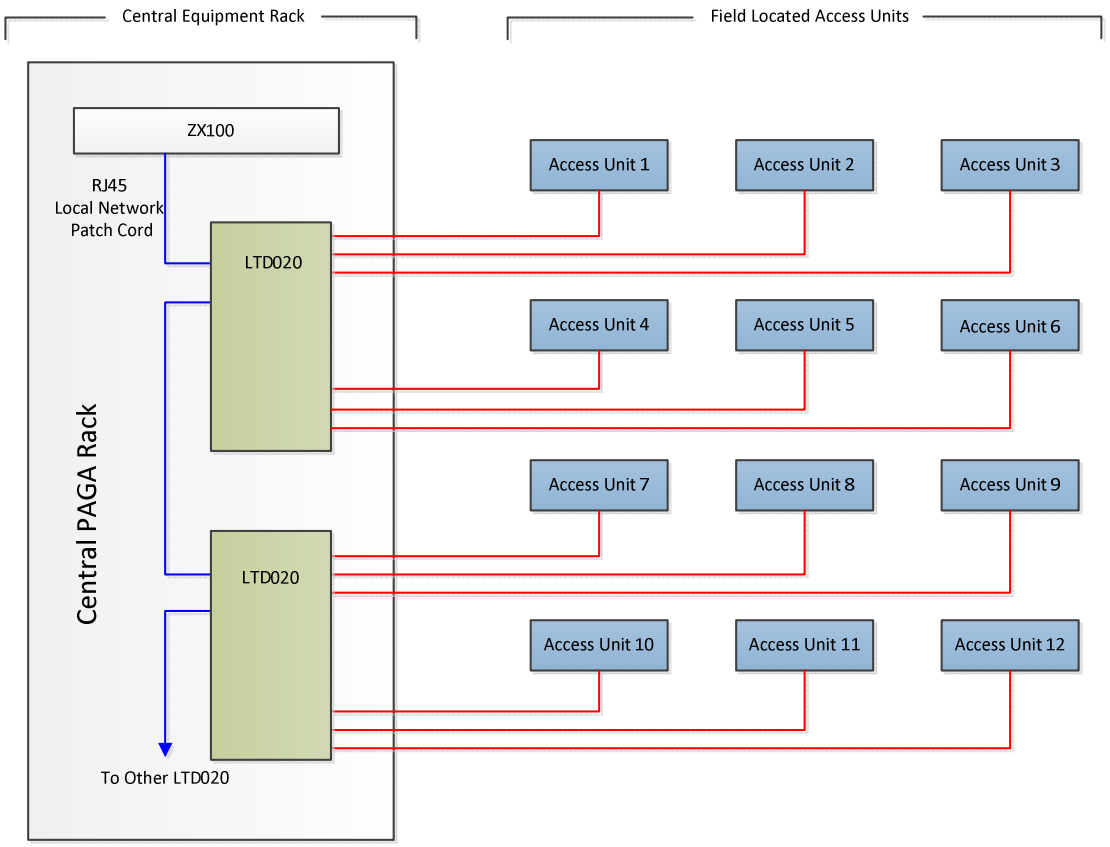
If required the LTD020 can be uniquely configured to meet special project specific cause and effect operation by file download to the onboard microsystem. Configuration is held in a secure non-volatile memory which eliminates chip exchanges, hardware alterations/modifications.

The LTD020 is fitted with status indicator outputs allowing remote safe or ATEX/IECEx LED display of host system status on field located panels. The LTD020 carries an onboard diagnostic readout to speed service and to indicate operational status. Each channel input incorporates a simple tamper-proof adjustable gain control to enable the sensitivity of each access unit microphone to be trimmed to meet with site specific acoustic conditions.

Technical Specification	
Supply	48V_{DC} phantom powered from host ZX100 management
Consumption	2Watts
Frequency Response	100Hz – 10kHz
Distortion	THD Better than 1%
Channels	Six
Status Outputs	Four
Status Output Rating	500mA maximum open collector - high level switched field termination
Maximum Conductor Size	1.5mm² CSA
Temperature Range	-20°C to +70°C
Location	Safe area
Connectivity	Standard 'straight' RJ45 patch lead



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