

ZID08-34

ZX100 INTERFACE TERMINATION DEVICE



DS-018 Issue 02

Thank you for your interest in Ziztel – we are a UK based manufacturer of PAGA and Intercom Products. Our products are mainly designed for use in the Hazardous Oil, Gas and Petrochemical industries.

ZID08-34 is a simple termination facility allowing PAGA connection to other site systems.

ZID08-34 enables PAGA interface to other site systems including fire & Gas / ICSS systems, PABX / UHF radio systems, Entertainment systems. The unit is plug / socket connected to the host ZX100 management system to speed installation & through life service.

The ZID08-34 can be reprogrammed by file download via ZX100 eliminating “chip exchange” which feature on

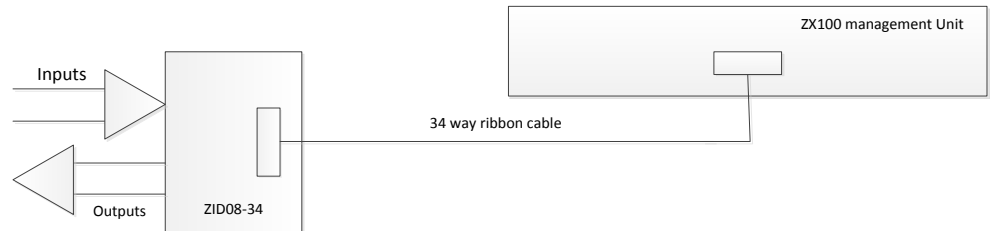
ZIZTEL ZID08-34

Din Rail Mount – Simple Installation

Optically coupled units

Open collector outputs – suitable for driving relay, up to coupled inputs and LEDs

The ZID08-34 is a compact DIN rail mount module that provides convenient termination of external input /output interfaces to a host ZX100 management unit. The module comprises of 34 double stacked Phoenix style terminals (each capable of accepting cable conductors up to 1.5mm² maximum) and a 34 way ribbon cable header which allows connection to PLC on the ZX100 management unit.



The ZID08-34 provides the following:-

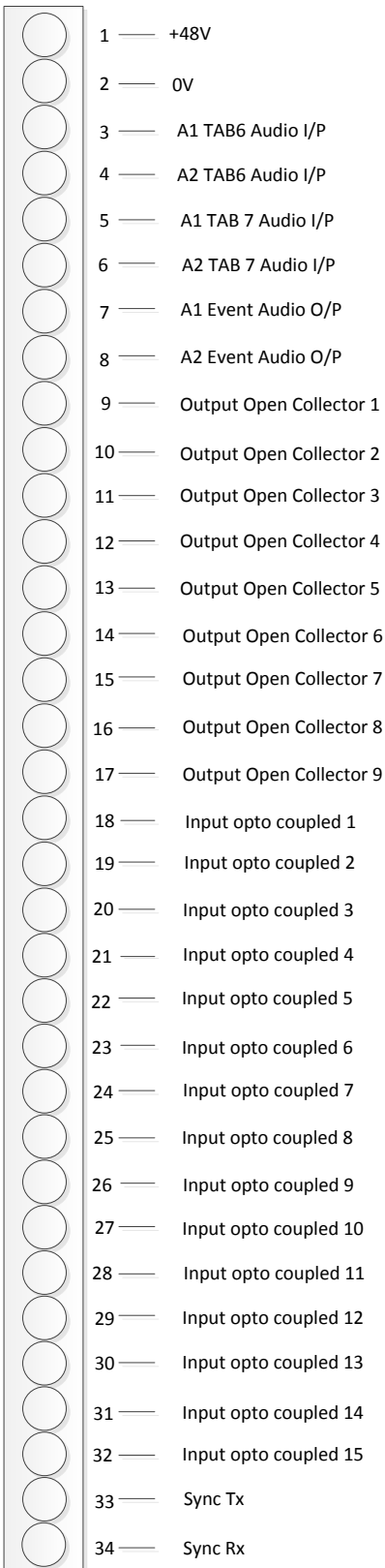
- Two balanced audio input lines called “TAB6” and “TAB 7”
- One balanced audio line called “Event”
- Nine open collector outputs each capable of sinking 100mA
- Fifteen optically coupled inputs which allow dry/volt free contact control inputs (reference to 0V)
- +48V, 0V supply references
- Alarm sync input/output for use in dual A + B systems

ZIZTEL LIMITED

email: sales@ziztel.com web: www.ziztel.com tel: +44 (0) 115 9202888
mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

All text, drawings and photography contained within this data sheet are the property of Ziztel Ltd and are subject to copyright. Information may neither be transmitted or copied to third parties without the express written consent of Ziztel Ltd. Ziztel Ltd have a policy of continuous product improvement and contents here in are liable to change without notice.

The Connector assignment is arranged as follows:-

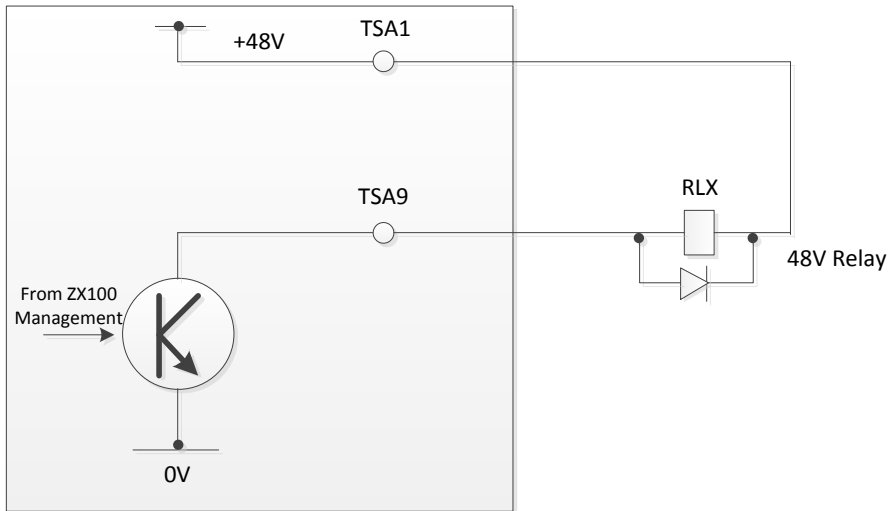


ZIZTEL LIMITED

email: sales@ziztel.com web: www.ziztel.com tel: +44 (0) 115 9202888
mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

All text, drawings and photography contained within this data sheet are the property of Ziztel Ltd and are subject to copyright. Information may neither be transmitted or copied to third parties without the express written consent of Ziztel Ltd. Ziztel Ltd have a policy of continuous product improvement and contents here in are liable to change without notice.

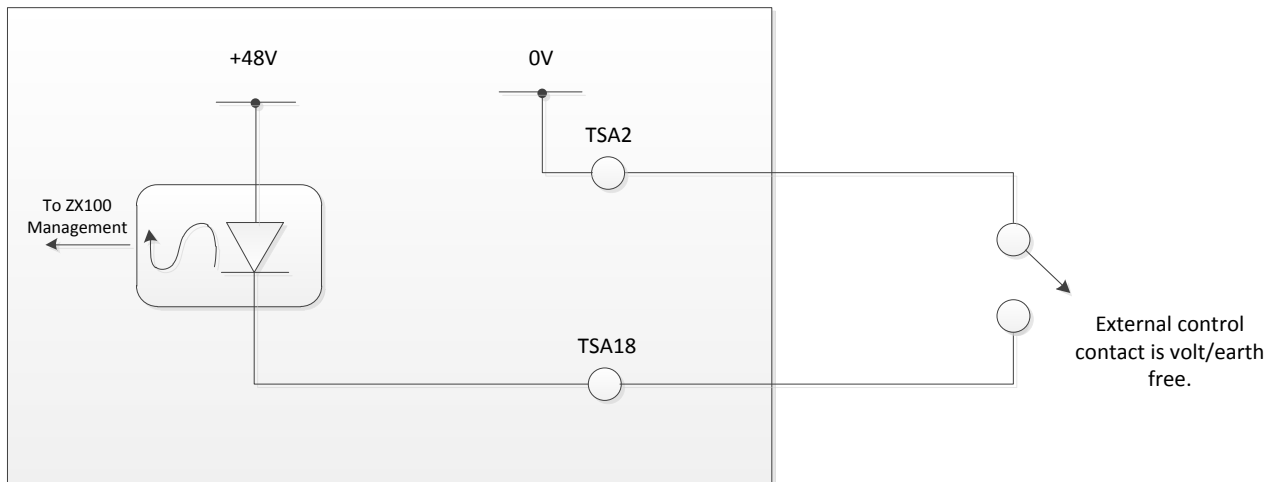
Outputs from ZIDo8-34 are available on TSA9-17. Each provides identical electrical characteristics:-



Output above shows a 48V.D.C external relay being driven

Inputs to ZIDo8-34 are available on TSA18 – 32

Each provides identical electrical interface



Technical Specification	
Supply O/P	48 VDC
Number of O/Ps	9 open collector each rated maximum 100mA total maximum 200mA
Number of I/Ps	15 opto coupled
Number of audio I/Ps	2
Number of audio O/Ps	1
Dimensions	100 x 100 x 40
Temperature Range	-25 °C to +70 °C
Location	Safe Area
Weight	0.25kg
Termination	1.5mm ² CSA screw terminals

ZIZTEL LIMITED

email: sales@ziztel.com web: www.ziztel.com tel: +44 (0) 115 9202888
 mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

All text, drawings and photography contained within this data sheet are the property of Ziztel Ltd and are subject to copyright. Information may neither be transmitted or copied to third parties without the express written consent of Ziztel Ltd. Ziztel Ltd have a policy of continuous product improvement and contents here in are liable to change without notice.