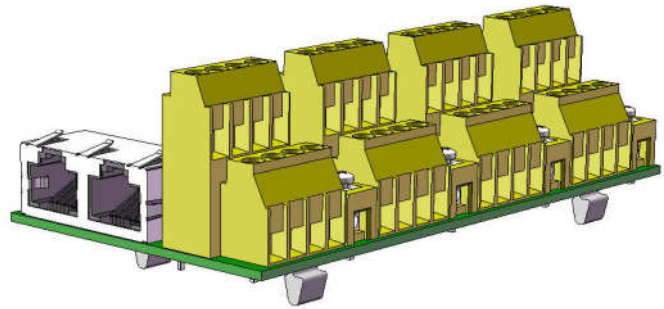
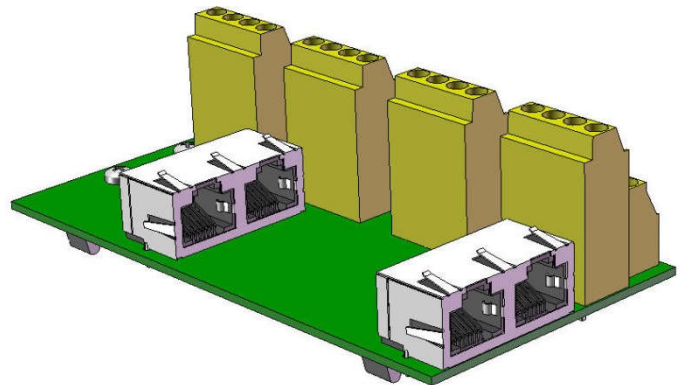


BOA02

RJ45 Break Out Adaptor - Four Port - Straight Through



- DIN rail mount
- Break out of all of the connections from four RJ45 ports, each to eight screw terminals plus an output cable screen terminal
- Cost effective straight-through RJ45 connection breakout



The BOA02 is a simple Quad DIN Rail mount RJ45 cable Break Out Adaptor, which can be used to provide connections from non-RJ45 installation wiring to ASL VIPEDIA-12 IP Audio routers, and to similar equipment with RJ45 connections.

The BOA02 has four RJ45 I/O ports and four blocks of eight terminals, plus four screen terminals. The four pairs of signals from each RJ45 port are each taken to a pair of terminals on one of the terminal blocks, and each terminal block has an associated screen connection which is taken to the RJ45 connector's screen.

Datasheet

ASL Document Ref.: ASL_Datasheet_BOA02_V04.docx
Issue: 04 Complete / Approved 20/04/22

SPECIFICATION

RJ45 Connectivity

I/O Connection Ports 4
Screened RJ45 8 way
All four pairs of RJ45 signals taken to individual I/O Signal Terminal Pairs
The Audio signals pairs to each of the four VIPEDIA-12 Audio Input Ports are connected to a pair of I/O Terminals each
The connector screen is taken to the appropriate screen terminal

I/O Terminal Connectivity

Terminal Blocks 4 eight way terminal blocks, one per RJ45 I/O connection port
One terminal block plus one cable screen terminal per RJ45 port
I/O Terminals per RJ45 port 8 Signal Terminals in four pairs, one pair for each twisted pair in the RJ45 cable
Lower Row of I/O Terminals 4 Signal Terminals, as two pairs
Upper Row of I/O Terminals 4 Signal Terminals, as two pairs
Cable Screen Terminal Single output cable screen terminal

Dimensions

Overall Dimensions (H x W x D) / Weight 35mm x 61mm x 117mm / 0.1 kg
Two of the RJ45 cables will overhang the end of the BOA, adding approximately 50mm to the effective length

Environmental

Temperature -20°C to +50°C (storage and operation)
Humidity Range 0% to 93% non-condensing

Product Part Codes

BOA02 RJ45 DIN TERMINAL BREAKOUT ADAPTOR – FOUR PORT – WITH TERMINATIONS

Alternative Product Part Codes

BOA01 RJ45 DIN TERMINAL BREAKOUT ADAPTOR – SINGLE PORT – WITH TERMINATIONS



This equipment is designed and manufactured to conform to the following EC standards:
EMC: EN55103-1/E1, EN55103-2/E5, EN50121-4, ENV50204
Safety: EN60065

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Assessed to ISO 9001
LPCB Cert No: 1043QMS

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