Quarch Technology

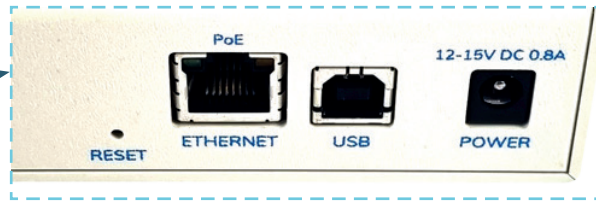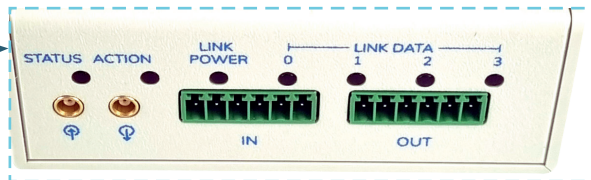## Multi-Protocol Link Breaker
Quick Start Guide

1 Set Up Hardware

Connect to the module through either TCP or ReST via LAN or USB

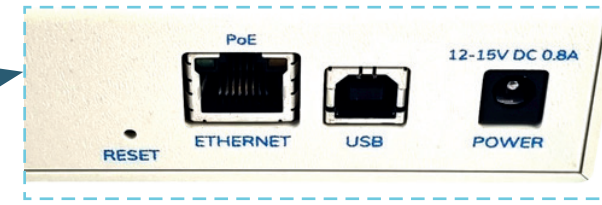Power the module by using 12V DC, 0.8A PSU (not needed if using PoE)
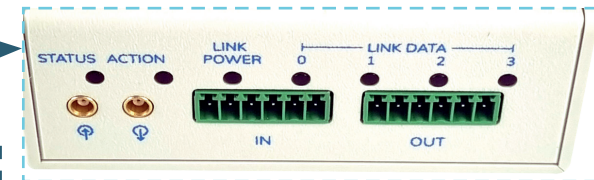
Trigger IN and Trigger OUT

Device Under Test Connections

Left	+	Power In (from Host/ PSU)
Connector		Ground Connection
(IN)	0 to 3	Bi-directional data signal
Right	+	Power Out (to device under Test)
Connector		Ground Connection
(OUT)	0 to 3	Bi-directional data signal

Front Panel LEDs

LED Name	Description
Status	Green - Module Good
	Red - Fault
Action	Flashing Red - Streaming
Link Power	Green - Power link connected
	Off - Power link disconnected

2 Control

Standard ASCII terminal commands are used to control the Module:

help

To power up (insert/connect the module)

run:power up

To power down (remove/disconnect the module)

run:power down

Instruction command respond with a success

OK

or a failure message in the form

FAIL: 0x15 -Invalid argument

Commands ending in '?' return data to the user

run:power?

This command returns PLUGGED or PULLED, depending on the current state of the module.

Technical manual

See Multi-Protocol Link Breaker

Technical Manual for more information and full command list.

DOWNLOADS

www.quarch.com/downloads

- QPS, Quarch Power Studio

- TestMonkey Software

- Technical Manuals

- USB Drivers

3 Trouble Shooting

Basic Checks

- Check power supply is connected

- Check Ethernet/USB cable is correctly connected

- Check the module connection LED(s) are on:
  • If connected over ethernet check LED's on RJ45 connector

- Check Status LED on the front, if RED there is a fault with the module