

Technical Bulletin

TB31-1 : © June 2000 PAC International Limited

Using Short-Haul Modems - EasiKey 1000N

Introduction

This Technical Bulletin gives the necessary configuration when using non-powered short-haul modems (line-drivers) with Easikey 1000Ns connected via a dataswitch to the PSTN modem.

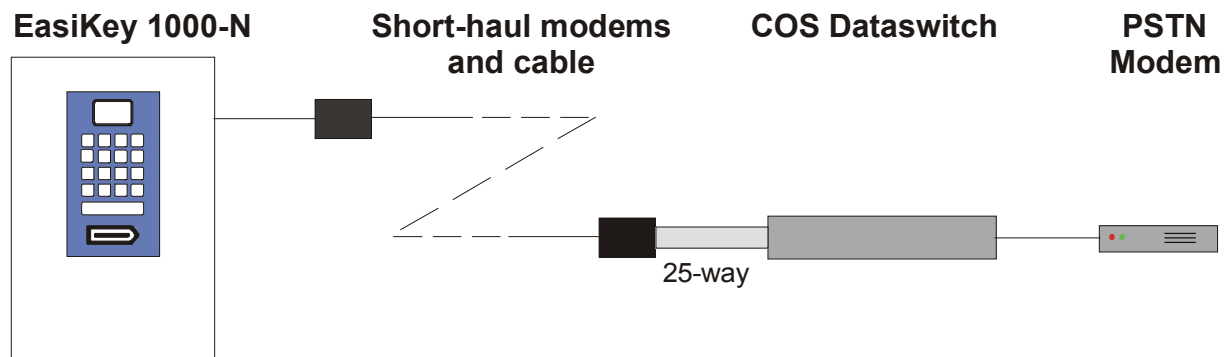
The purpose of the wiring given here is to allow the short-haul modems to draw enough power from the Easikey 1000N and the dataswitch respectively. The standard connections do not allow the short-haul modems to draw enough current to function correctly.

Product Tested: Blackbox, non-powered, short-haul, modem

Product Code: ME721A-F

System Configuration

This datasheet is only concerned with the connection from the PSTN modem, through the dataswitch to the door controllers as shown below:



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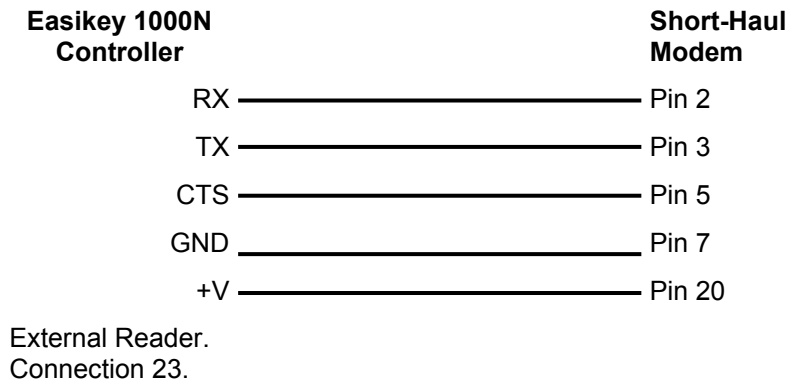
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Wiring details

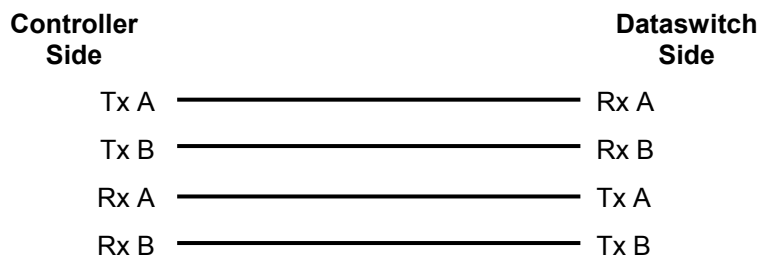
Easikey 1000N to Short-Haul Modem

The short-haul modem requires a 25-way, male, D-type connector.

Important: The short-haul modem on the controller side must have its switch (located in a recess on one side) set to **DTE**.



Short-Haul Modem to Short-Haul Modem



Short-Haul Modem to Dataswitch

Important: The short-haul modem on the dataswitch side must have its switch (located in a recess on one side) set to **DCE**.

The short-haul modem (dataswitch side) must be connected to the dataswitch using a 25-way ribbon cable with 25-way male D-type terminator plugs. All the pins should be connected straight through.



Dataswitch to PSTN Modem

For modems with a 25-way connector:

