F/2F enabled BlueDiamond Readers wired to MRJ

Last Modified on 04/08/2025 3:15 pm EDT

How to wire F/2F-enabled BlueDiamond readers to a Micro Reader Junction (MRJ) box

Procedure Steps

Most installations with F/2F will use a Micro Reader Junction (MRJ) box. Below are the wire maps to the appropriate pins on the terminals of the BlueDiamond reader and the MRJ box.

BlueDiamond Reader	MRJ J1 Connector	Wire Color
1 [0 V]	2 (Ground)	Black
2 [+VDC]	1 (+12V)	Red
3 [D1/CLK]		
4 [D0/DAT (F/2F Data)]	4 (Data 1)	White
5 [Green (F/2F DO)]	3 (Green LED)	Orange
6 [Red (F/2F DI)]	5 (Door DI)	Grey
7 [Buzzer (F/2F REX)]	6 (Exit DI)	Pink

Applies To

F/2F enabled BlueDiamond Readers

Additional Information