ProTalk Link

Replacing a W2 With A W3 Module Tutorial

This tutorial will cover the steps required to exchange a W2 module with a W3 module.

Before replacing the W2 module, the ProTalk Link configuration software should be installed onto your PC. If it has already been installed, it may need to be updated. To find the version number, launch the software, click on the 'Help' heading, and then 'About.' The latest version can be found on our website at: http://barnettprotalk.com/Support/Resource-Center.php#tutorials.

Power-down the Link and remove the connector plates. Swap the W2 module with the W3 module and set the rotary switch (on the top of the unit) to the same address as that of the W2 (typically 1). If the inputs/outputs are being used, the terminal blocks can simply be swapped to keep the wiring intact.

Fasten the modules back together and then update the firmware for each module in the system. Refer to the *ProTalk Link Firmware Update Tutorial* for details: http://barnett-engg.com/support/Tutorials.aspx.

Once the software and firmware have been updated, the database should be read from the M1. Launch the software and click the 'Connect' and then 'Database' buttons:

BE ProTalk LINK Database <u>File Hardware O</u> peration	nnect	Help					
		Teb		Quick	setup check list. P	ress START to begin.	▼ 🗲 START
HARDWARE OPERATION OPERATION CONNECT Transfer Database User Voices Vocabulary	I Data Ti atabase Retu Sen erial Acti	ieve				CDM	Port
Event Log	ected M Type	odules Serial No.	Hardware	Firmware	Options	Status	
-Setup							
Wireless							
-View System Info							
Monitor							

Press the 'Retrieve' button to read the database in the M1, then click on the 'Hardware' button:



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8 📓 📲 🔌	0 🗗		ւ		Quick setup check	k list. Pres:	s START to begin. 💌	¥≣ sta
HARDWARE OPERATION CONNECT Add / Remove (0) B1285-M1	Mo	dule Syste	Settings Site em Alarms 1. Vocabula 2. Database	ry memory error memory error e memory error mory error				
(1) B1285-W2								
(2) B1285-P1	Modu Ref	1/0	Address	Name	Туре	Group	Description	
(2) B1285-P1				Name Battery Voltage	Type Voltage Input	Group	Description	^
(2) B1285-P1	Ref	1/0	Address			Group -		^
(2) B1285-P1	Ref 0-1	1/0	Address 40001	Battery Voltage	Voltage Input	Group - -	disabled	^
(2) B1285-P1	Ref 0-1 0-2	1/0 1 2	Address 40001 40002	Battery Voltage Power Failure	Voltage Input Digital Input		disabled disabled	
(2) B1285-P1	Ref 0-1 0-2 0-3	1/0 1 2 3	Address 40001 40002 40003	Battery Voltage Power Failure System Alarm	Voltage Input Digital Input Internal Status	•	disabled disabled Internally generated	A
(2) B1285-P1	Ref 0-1 0-2 0-3 0-4	1/0 1 2 3 4	Address 40001 40002 40003 40004	Battery Voltage Power Failure System Alarm Module Major	Voltage Input Digital Input Internal Status Internal Status	•	disabled disabled Internally generated Internally generated	
(2) B1285-P1	Ref 0-1 0-2 0-3 0-4 0-5	1/0 1 2 3 4 5	Address 40001 40002 40003 40004 40005	Battery Voltage Power Failure System Alarm Module Major Module Minor	Voltage Input Digital Input Internal Status Internal Status Internal Status	• • • • •	disabled disabled Internally generated Internally generated Internally generated	
(2) B1285-P1	Ref 0-1 0-2 0-3 0-4 0-5 0-6	1/0 1 2 3 4 5 1	Address 40001 40002 40003 40004 40005 40006	Battery Voltage Power Failure System Alarm Module Major Module Minor Auto Relay 1	Voltage Input Digital Input Internal Status Internal Status Internal Status Auto Relay	· · · · · · · · · · · · · · · · · · ·	disabled disabled Internally generated Internally generated Internally generated New Alarm Exists in Group 1	A
(2) B1285-P1	Ref 0.1 0.2 0.3 0.4 0.5 0.6 0.7	1/0 1 2 3 4 5 1	Address 40001 40002 40003 40004 40005 40006 40007	Battery Voltage Power Failure System Alarm Module Major Module Minor Auto Relay 1 Auto Relay 2 Active Shift	Voltage Input Digital Input Internal Status Internal Status Auto Relay Auto Relay Shift Status	· · · · · ·	disabled disabled Internally generated Internally generated Internally generated New Alarm Exists in Group 1 Error Condition Exists	
(2) B1285-P1	Ref 0-1 0-2 0-3 0-4 0-5 0-6 0-7 0-8	1/0 1 2 3 4 5 1	Address 40001 40002 40003 40004 40005 40006 40007 40008	Battery Voltage Power Failure System Alarm Module Major Module Minor Auto Relay 1 Auto Relay 2 Active Shift Group 1 Status	Voltage Input Digital Input Internal Status Internal Status Auto Relay Auto Relay Shift Status Group Status		disabled disabled Internally generated Internally generated Internally generated New Alarm Exists in Group 1 Error Condition Exists Current Shift	
(2) B1285-P1	Ref 0·1 0·2 0·3 0·4 0·5 0·6 0·6 0·7 0·8 0·9 0·10	1/0 1 2 3 4 5 1	Address 40001 40002 40003 40004 40005 40006 40007 40008 40009 40010	Battery Voltage Power Failure System Alarm Module Major Module Minor Auto Relay 1 Auto Relay 2 Active Shift Group 1 Status Group 2 Status	Voltage Input Digital Input Internal Status Internal Status Auto Relay Auto Relay Shift Status Group Status Group Status		disabled disabled Internally generated Internally generated Internally generated New Alam Exists in Group 1 Error Condition Exists Current Shift Coded Status Coded Status	
(2) B1285-P1	Ref 0-1 0-2 0-3 0-4 0-5 0-6 0-7 0-8 0-9 0-10 0-11	1/0 1 2 3 4 5 1	Address 40001 40002 40003 40004 40005 40006 40006 40007 40008 40009 40010 40011	Battery Voltage Power Failure System Alarm Module Major Module Minor Auto Relay 1 Auto Relay 2 Active Shift Group 1 Status Group 2 Status	Voltage Input Digital Input Internal Status Internal Status Internal Status Auto Relay Auto Relay Shift Status Group Status Group Status Group Status		disabled disabled Internally generated Internally generated New Alarm Exists in Group 1 Error Condition Exists Current Shift Coded Status Coded Status Coded Status	
(2) B1285-P1	Ref 0-1 0-2 0-3 0-4 0-5 0-6 0-7 0-8 0-9 0-10 0-11 0-12	1/0 1 2 3 4 5 1	Address 40001 40002 40003 40004 40005 40006 40007 40008 40007 40008 40009 40010 40011 40012	Battery Voltage Power Failure System Alarm Module Major Module Minor Auto Relay 1 Auto Relay 2 Active Shift Group 2 Status Group 2 Status Group 3 Status	Voltage Input Digital Input Internal Status Internal Status Auto Relay Auto Relay Shift Status Group Status Group Status Group Status	· · · · · · · · · · · · · · · · · · ·	disabled disabled Internally generated Internally generated Internally generated New Alarm Exists in Group 1 Error Condition Exists Current Shift Coded Status Coded Status Coded Status Coded Status	
(2) B1285-P1	Ref 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.10 0.11 0.12 0.13	1/0 1 2 3 4 5 1	Address 40001 40002 40003 40004 40005 40005 40005 40007 40008 40009 40010 40011 40011 40012 40013	Battery Voltage Power Failure System Alarm Module Major Module Minor Auto Relay 1 Auto Relay 1 Auto Relay 2 Active Shift Group 2 Status Group 3 Status Group 3 Status Group 4 Status	Voltage Input Digital Input Internal Status Internal Status Internal Status Auto Relay Auto Relay Shift Status Group Status Group Status Group Status Group Status Group Status	· · · · · · · · · · · · · · · · · · ·	disabled disabled Internally generated Internally generated Internally generated New Alam Exists in Group 1 Error Condition Exists Current Shift Coded Status Coded Status Coded Status Coded Status Coded Status Coded Status Coded Status Coded Status	
(2) B1285-P1	Ref 0-1 0-2 0-3 0-4 0-5 0-6 0-7 0-8 0-9 0-10 0-11 0-12 0-13 0-14	1/0 1 2 3 4 5 1	Address 40001 40002 40003 40004 40005 40006 40007 40008 40007 40008 40007 40008 40010 40011 40011 40011 40013 40014	Battery Voltage Power Failure System Alarm Module Major Module Minor Auto Relay 1 Auto Relay 2 Active Shift Group 1 Status Group 2 Status Group 3 Status Group 5 Status Group 5 Status	Voltage Input Digital Input Internal Status Internal Status Internal Status Auto Relay Shift Status Group Status Group Status Group Status Group Status Group Status Group Status	· · · · · · · · · · · · · · · · · · ·	disabled disabled Internally generated Internally generated New Alarm Exists in Group 1 Error Condition Exists Current Shift Coded Status Coded Status	
(2) B1285-P1	Ref 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.10 0.11 0.12 0.13	1/0 1 2 3 4 5 1	Address 40001 40002 40003 40004 40005 40005 40005 40007 40008 40009 40010 40011 40011 40012 40013	Battery Voltage Power Failure System Alarm Module Major Module Minor Auto Relay 1 Auto Relay 1 Auto Relay 2 Active Shift Group 2 Status Group 3 Status Group 3 Status Group 4 Status	Voltage Input Digital Input Internal Status Internal Status Internal Status Auto Relay Auto Relay Shift Status Group Status Group Status Group Status Group Status Group Status	· · · · · · · · · · · · · · · · · · ·	disabled disabled Internally generated Internally generated Internally generated New Alam Exists in Group 1 Error Condition Exists Current Shift Coded Status Coded Status Coded Status Coded Status Coded Status Coded Status Coded Status Coded Status	

Press the 'Add/Remove' button and then change the W2 to a W3 from the drop-down-box:

BE Add / Remove Mo	odules	×
Module Address	Module Type	
0	B1285-M1 💌	
1	B1285-W2 💌	
2	empty B1285-T1	
3	B1285-W1 B1285-W2	
4	B1285-W3	j
5	empty 💌	
6	empty 💌	
7	empty 💌	
8	empty 💌	[
9	empty 💌	
10 (A)	empty 💌	
11 (B)	empty 💌	
12 (C)	empty 💌	
13 (D)	empty 💌	
14 (E)	empty 💌	
15 (F)	empty 💌	
Help	OK	Cancel

Any inputs/outputs previously configured will carry over in the new database.



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Press 'Connect,' then 'Database' and then the 'Send' button to enter the new database. The configuration may be saved by selecting File \rightarrow Save As.

The new database has now been entered in the Link. For more information, refer to the help contents in the software or have a look at the *ProTalk Link Basic Programming Tutorial* for more details: http://barnett-engg.com/support/Tutorials.aspx.



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