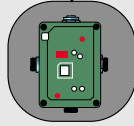


The Brad Harrison® Bus Extender allows you to expand the functionality of your network in many ways. The bus extender allows you to extend the cable length of the trunk or drop line effectively multiplying the allowed cable length. In addition, the extender allows you to create a star topology of your DeviceNet layout, creating versatility in applications where many long drop lengths may be required. Finally, sections

- Extends the allowable trunk or drop line length of a DeviceNet system
- Allows "star" and other topologies to be constructed while using the DeviceNet protocol
- Isolates electrically "noisy" sections of the bus line from other bus line sections



of the network can be isolated from electrically "noisy" devices such as variable frequency drives or DC switching power supplies.

TOPOLOGY OPTIONS

Star Topology: Bus Extender Multiple Extended Drop Lines Connected

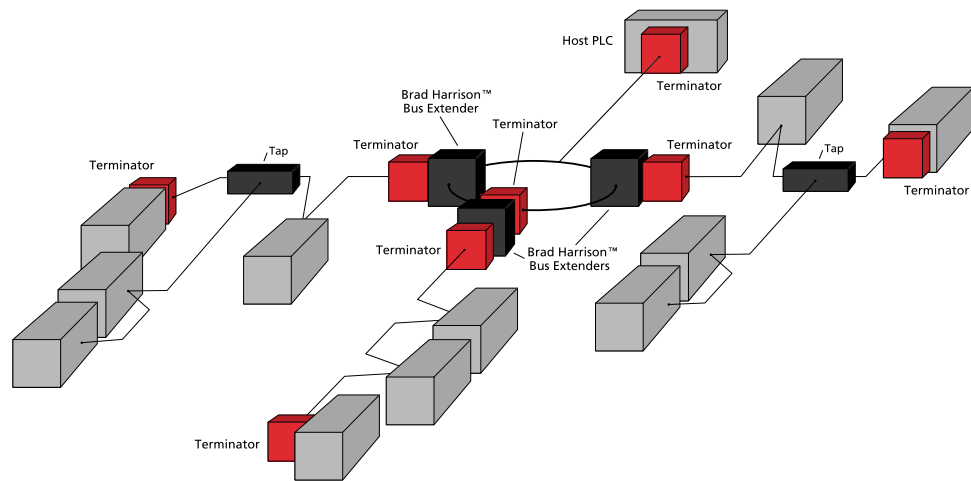


FIG 1

PART NUMBER	DESCRIPTION
DNETEXT-C	DEVICENET EXTENDER

Bus Extenders allow you to configure a variety of DeviceNet topologies

For Network "A" connections use DN10X-MXXX cordset
For Network "B" connections use DN01X-MXXX cordset

DEVICENET CONFORMANCE: DESIGNED TO CONFORM TO THE ODVA DEVICENET SPECIFICATION VERSION 2.0.
 BAUD RATE: 125K, 250K, 500K, 1M - AUTOMATIC SELECTION
STATUS INDICATORS
 MODULE STATUS: GREEN/RED BI-COLOR LED
 NETWORK A STATUS: GREEN/RED BI-COLOR LED
 NETWORK B STATUS: GREEN/RED BI-COLOR LED
 DIAGNOSTIC DATA: GREEN/RED BI-COLOR LED
 VOLTAGE ISOLATION: 2500 V
 LATENCY: 75US PER EXTENDER
CONNECTIVITY
 LEFT/NETWORK: "A" -MALE MINI-CHANGE
 RIGHT/NETWORK: "B" -FEMALE MINI-CHANGE

MAXIMUM POWER
 VOLTAGE: 11 - 25V DC
 CURRENT: NETWORK A: 140 mA @ 11V DC - 60 mA @ 25V DC
 NETWORK B: 20 mA @ 11 VDC - 10 mA @ 25V DC
 1.8 W
 POWER SUPPLY: POWERED BY 24V DC BUS LINE
MOUNTING
 DEVICENET EXTENDER: PANEL-MOUNT, 4 SCREWS
SIZE
 LENGTH: 5.11" (130 MM)
 DEPTH: 2.27" (57,7 MM)
 HEIGHT: 3.70" (94,0 MM)
ENVIRONMENTAL
 OPERATING TEMP: 32° TO 158° F (0° TO 70 °C)
 HUMIDITY: 0-95% RH, NON-CONDENSING
 PROTECTION: IP65

TOPOLOGY OPTIONS

Extended Drop Lines

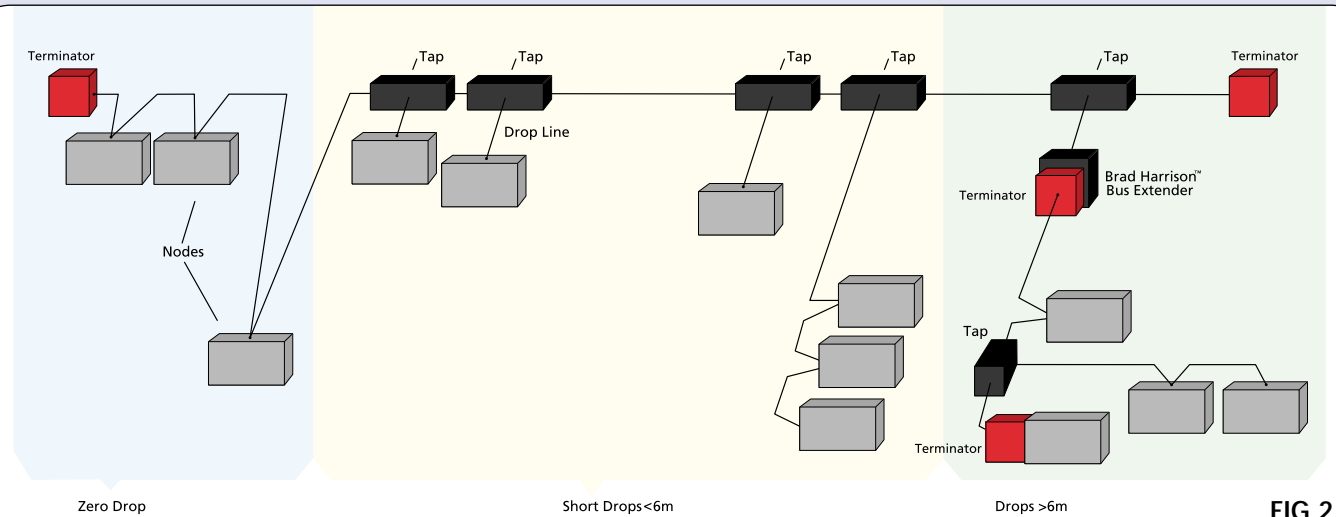


FIG 2

Bus Extenders Allow A Linear Bus To Have Double The Allowable Distance

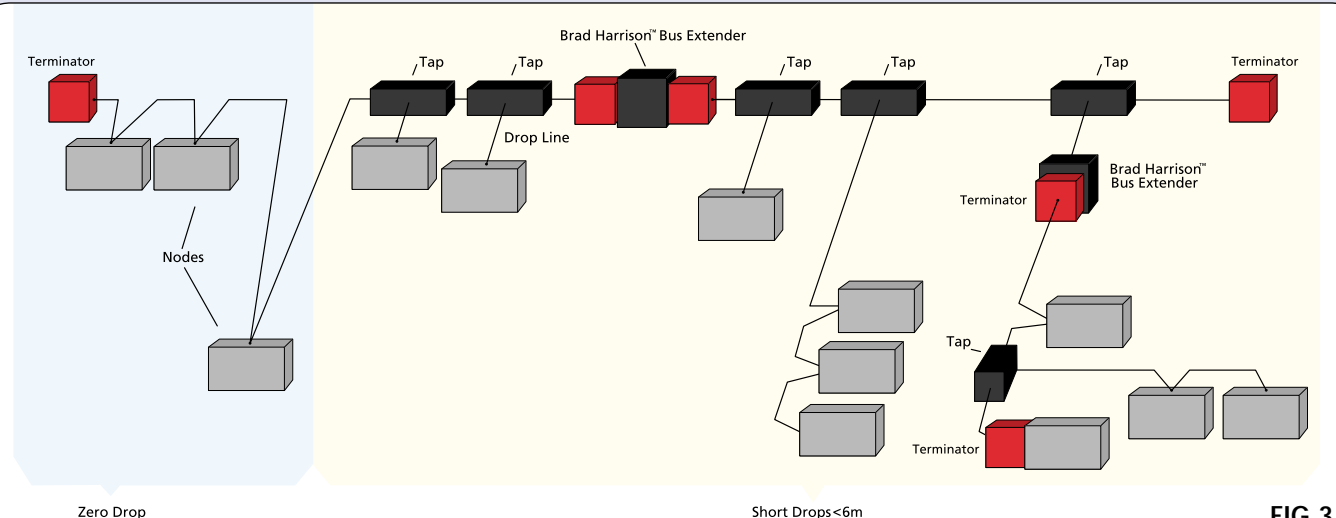


FIG 3



MORE NEW PRODUCTS FROM THE DEVICENET MEDIA LEADERS



*Best Selection,
Best Choice*



Back panel mount Micro-Change® connectors brings DeviceNet "plug-and-play" connectivity into and out of the enclosure.



Thin media tee allows you to use "thin" media as the trunk line for cleaner, smaller cable "dressing."

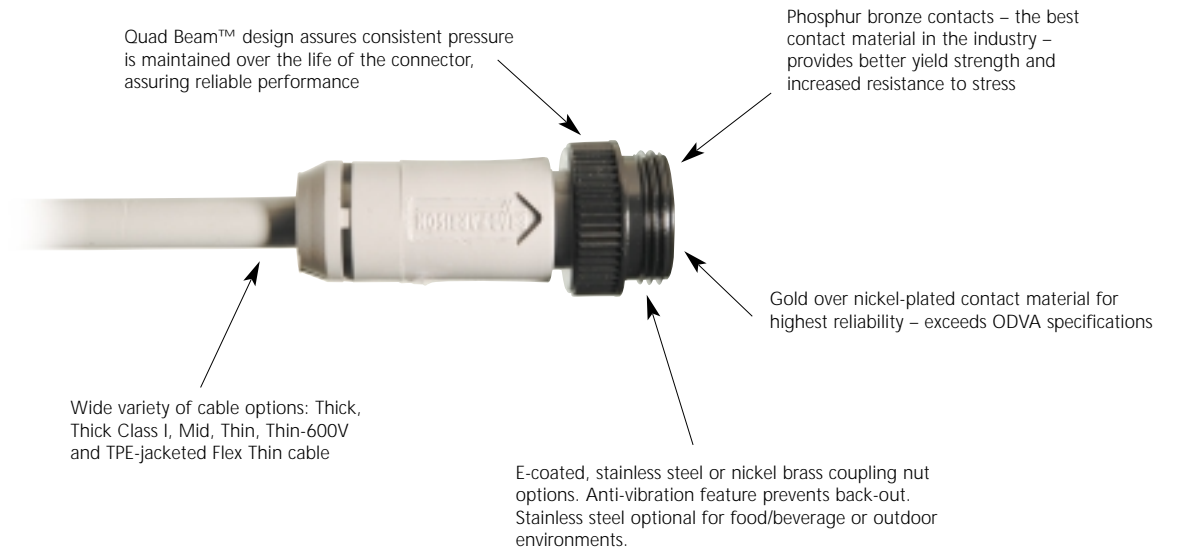


Tray-Rated DeviceNet Cabling insures you are in compliance for routing DeviceNet cable in trays near other 600V-rated cabling

Back Panel Mount Mini-Change® connectivity brings DeviceNet "plug-and-play" connectivity into and out of the enclosure

The Brad Harrison® line up of DeviceNet media is the standard by which all other DeviceNet connection media are measured. We pioneered the market for miniature industrially rated sealed connectors presenting the first quick disconnect alternative to hardwiring. Today Brad Harrison products bring this same quality and durability to the same connectors used in DeviceNet networks. Choices and feature-rich products make them reassuring to specify as part of your DeviceNet system. From tees, splitters and passive boxes, diagnostic aids such as the Power Monitor tees, to the simple-to-use handheld diagnostic Netmeter, Brad Harrison is your choice for DeviceNet infrastructure products.

MINI-CHANGE® CONNECTORS



MICRO-CHANGE® CONNECTORS

