




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

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



- 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

TOPOLOGY OPTIONS

Star Topology: Bus Extender Multiple Extended Drop Lines Connected

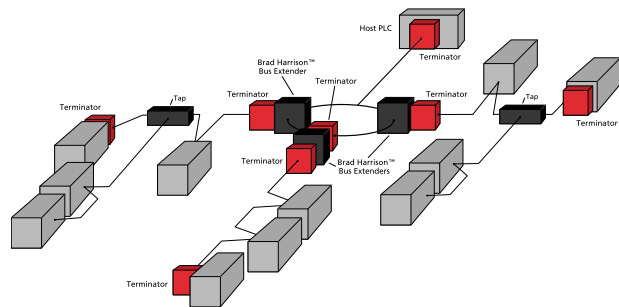


FIG 1

PART NUMBER	DESCRIPTION
DNETEXT-C	DEVICENET EXTENDER

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

Bus Extenders allow you to configure a variety of DeviceNet topologies

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
POWER: 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

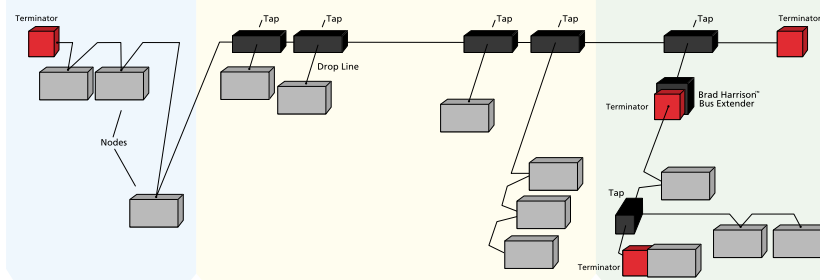


FIG 2

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

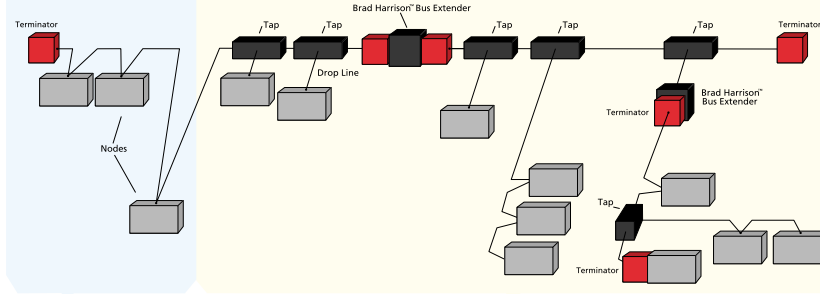


FIG 3



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.



Mini PCB connectors - both male and female versions allow the OEM to provide DeviceNet enabled products.



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

