

## Features

- Expands to add POTS lines, DSL or both
- Manufactured from high-impact resistant, ultraviolet desensitized, flame retardant plastic
- Sealed switching jacks available with optional Insulation Displacement Connectors (IDC)
- Made in USA, RUS approved
- Convenient ground attachment and wiring ports
- Listed per UL 497 (File: E53117)

## 7004 Series - Network Interface Device

Bourns® Model 7004 NID provides a secure and weather-resistant enclosure for Telco service for residential or commercial installations. The Model 7004 supplies station protection and test access points and can be configured for a maximum of four POTS lines or three lines with DSL. The Model 7004 features convenient cable knockouts and generous working space for wire management.

### How to Order

Model Number Designator \_\_\_\_\_

Number of Twisted Pairs \_\_\_\_\_

- 1 = One      3 = Three  
2 = Two      4 = Four

Station Protector Options \_\_\_\_\_

- D<sup>1</sup> = 455HS-MSP (2377-45-HS) Voice/Data/DSL (UL, cUL)  
U<sup>3</sup> = 455HS-MSP (2377-45-HS-IDC) Voice/DSL/Data (UL, cUL)  
Z<sup>1</sup> = 455HS-BC\* (2377-45-BC) Balance-Sensitive DSL (UL, cUL)  
W<sup>3</sup> = 455HS-BC\* (2377-45-BC-IDC) Balance-Sensitive DSL (UL, cUL)  
V<sup>3</sup> = 455-MSP-TBU (2377-45-HS-TBU) MSP w/TBU® Protector (UL, cUL)  
Q<sup>3</sup> = 455BC-MSP-TBU\* (2377-45-BC-TBU) Balance-Sensitive MSP w/TBU® Protector (UL, cUL)
- E<sup>3</sup> = 155HS-MSP (2377-35-HS) Voice/Data (UL, cUL)  
Y = 155HS-BC\* (2377-35-BC) Balance-Sensitive DSL (UL, cUL)  
G = 155G (2377-35-G) Balanced GDT, No Back-Up-Gap (UL, cUL)  
K = 356G (2377-35-G) Balanced GDT, No Back-Up-Gap (UL, cUL)  
R = 356G (2377-35-G-IDC) Balanced GDT, No Back-Up-Gap (UL, cUL)  
C = No Station Protectors (Not available with DSL configurations)

- \*For DSL systems requiring capacitive balance within 1 pF.  
Note 1 = Digi.Guard - 356 size, RUS Maximum Duty.  
Note 2 = Digi.Guard II - 325 size, RUS Heavy Duty.  
Note 3 = Insulation Displacement Connectors (IDC)

Special Options \_\_\_\_\_

- H = Sealing Screw-In Security plate  
S = Sealed Switching Jack w/IDC (85122-T-IDC)  
F = Sealed Switching Jack 4 Post (85122-T4)  
B = Expansion Bridge w/Ending Post (85122-B)
- I = Expansion Bridge w/IDC (85122-IDC)  
5 = Five Slots for 85122-x Bridges  
Q = No options, standard 85122 jack, 4 slots

POTS Splitter Options \_\_\_\_\_

- P1 = (1) 3610A2-ADSL2+ POTS Splitter, UL Listed  
P2 = (2) 3610A2-ADSL2+ POTS Splitters, UL Listed  
V1 = (1) 3610V2-VDSL2 POTS Splitter, UL Listed  
V2 = (2) 3610V2-VDSL2 POTS Splitters, UL Listed
- V1-I = (1) 3610A2-IDC ADSL2+ POTS Splitter w/IDC, UL Listed  
P2-I = (2) 3610A2-IDC ADSL2+ POTS Splitters w/IDC, UL Listed  
V1-I = (1) 3610V2-IDC VDSL2 POTS Splitter w/IDC, UL Listed  
V2-I = (2) 3610V2-IDC VDSL2 POTS Splitters w/IDC, UL Listed

†DSL Configuration Note:

The POTS Splitter option must be ordered with option **D, Z, E or Y** Station Protectors.  
7004 NIDs ordered for DSL units must be ordered with **Special Option F** (4-post sealed switching jack) or **Special Option S** (sealed switching jack w/IDC). Example: 7004-01-DF-P1

DSL Adapter Options \_\_\_\_\_

- B1 = (1) 3670-01 BalUn Module

To add lines, use station protector +

- 85122 Standard Jack (Not available with DSL configurations)  
85122-T4 Sealed Switching Jack, 4-post  
85122-T-IDC Sealed Switching Jack w/IDC

Also available:

- 80534 Conduit Adapter

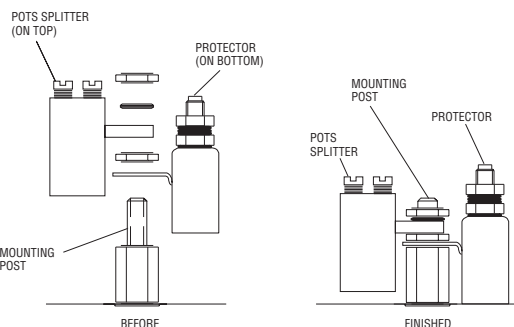
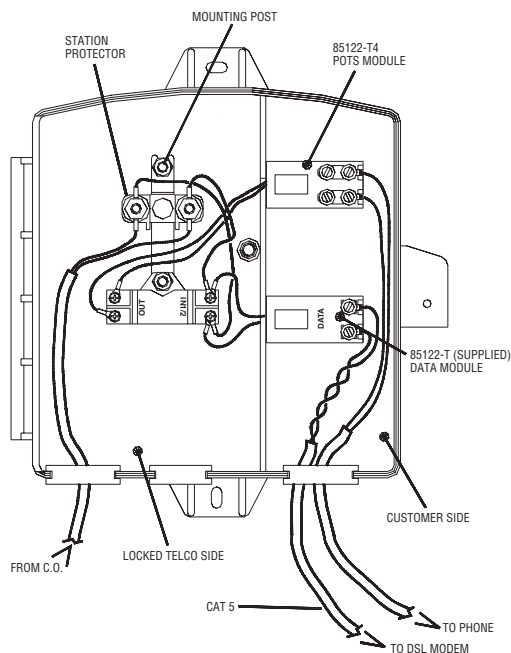
Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

# 7004 Series - Network Interface Device

**BOURNS®**

## Installation Diagrams



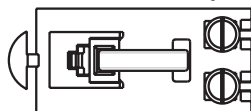
## Product Dimensions

High	Wide	Deep
191 (7.5)	196 (7.7)	69 (2.7)

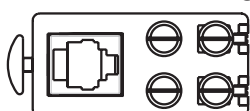
DIMENSIONS:  $\frac{\text{MM}}{(\text{INCHES})}$

## RJ11 Subscriber Bridges

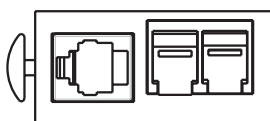
**85122  
Standard Loop**



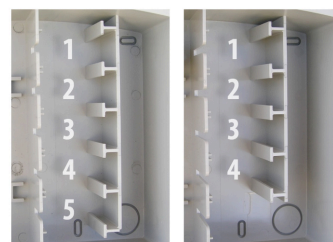
**85122-T4\*  
Internal Switch - 4 Lugs**



**85122-T-IDC\*  
Sealed Switch Jack w/IDC**



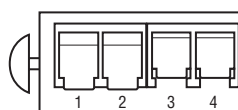
\*Includes environmental sealant and closed-cell foam gasket.



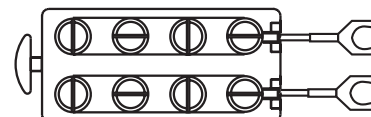
**4 Slot - Standard  
5 Slot - Option 5**

## Expansion Bridges

**85122-IDC  
Insulation Displacement  
Connectors**



**85122-B  
Binding Post**



REV. M 04/18

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