




BOURNS®

Features

- Expands to add POTS lines, DSL or both
- Manufactured from high-impact resistant, ultraviolet desensitized, flame retardant, UL Recognized 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

7004 - 0X - X X - XX - XX

Model Number Designator _____

Number of Twisted Pairs _____

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

Station Protector Options _____

- D¹ = 455HS-MSP (2377-45-HS) Voice/Data/DSL (UL, cUL)
- U³ = 455HS-MSP (2377-45-HS-IDC) Voice/DSL/Data (UL, cUL)
- Z¹ = 455HS-BC* (2377-45-BC) Balance-Sensitive DSL (UL, cUL)
- W³ = 455HS-BC* (2377-45-BC-IDC) Balance-Sensitive DSL (UL, cUL)
- V³ = 455-MSP-TBU* (2377-45-HS-TBU) MSP w/TBU® Protector (UL, cUL)
- Q³ = 455BC-MSP-TBU* (2377-45-BC-TBU) Balance-Sensitive MSP w/TBU® Protector (UL, cUL)
- E² = 155HS-MSP (2378-35-HS) Voice/DSL/Data (UL, cUL)
- Y² = 155HS-BC* (2378-35-BC) Balance-Sensitive DSL (UL, cUL)
- K = 356G (2377-35-G) Balanced GDT, No Back-Up-Gap (UL, cUL)
- R³ = 356G (2377-35-G-IDC) Balanced GDT, No Back-Up-Gap (UL, cUL)
- B = 125EW (2374-01) Dual Gas Tube (UL, cUL, Telcordia)
- C = 125EW-R (2375-01) Dual Gas Tube (UL, cUL, RUS)
- L = 356M (2377-01) Balanced Gas Tube (UL, cUL, RUS)
- T = Tii355MO =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 - 125 size, RUS Heavy Duty.
 Note 3 = Insulation Displacement Connectors (IDC)

Special Options _____

- H = Security 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/Binding Posts (85122-B)
- I = Expansion Bridge w/IDC (85122-IDC)
- 5 = Five Slots for 85122-x Bridges
- O = No options (standard 85122 jack, 4 slots)

DSL Options † _____

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

† DSL Configuration Note:

7004 NIDs ordered with DSL units must be ordered with **Special Option F** (4-post sealed switching jacks) or **Special Option S** (sealed switching jack w/IDC). Example: 7004-01-DF-P1

DSL Adapter Options _____

- B1 = (1) 3670-01 BalUn Module
- R1 = (1) 3660 Equalization 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

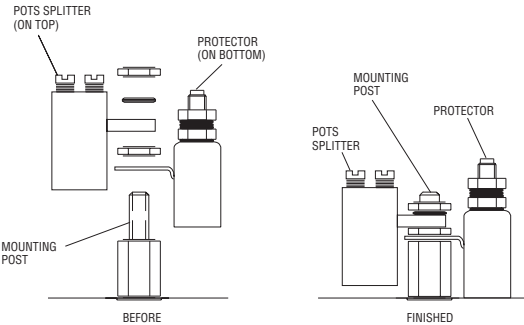
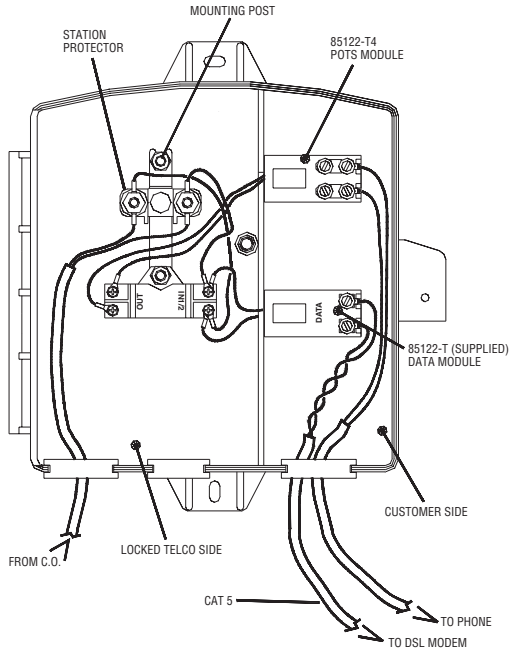
Also available:

- 80534 Conduit Adapter

7004 Series - Network Interface Device

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Installation Diagrams



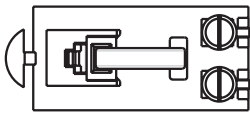
Product Dimensions

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

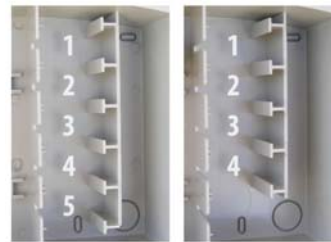
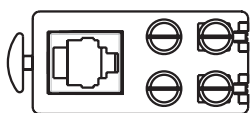
DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

RJ11 Subscriber Bridges

**85122
Standard Loop**

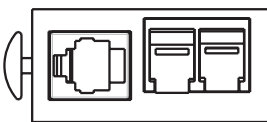


**85122-T4*
Internal Switch - 4 Lugs**



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

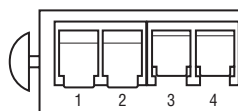
**85122-T-IDC*
Sealed Switch Jack w/IDC**



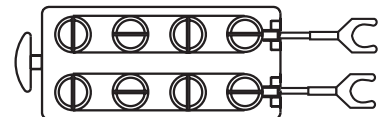
*Includes environmental sealant and closed-cell foam gasket.

Expansion Bridges

**85122-IDC
Insulation Displacement
Connectors**



**85122-B
Binding Post**



REV. I 10/11

Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.