




## Features

- Expands to add POTS lines, DSL or both
- Manufactured from high-impact resistant, ultraviolet-desensitized, flame retardant, UL Recognized plastic
- Optional sealed switching jacks with Insulation Displacement Connectors (IDCs)
- Subscriber lockable with Telco override
- Convenient ground attachment
-  Listed per UL 497 (File: E53117)

## 7090 Series – Network Interface Device

Bourns® 7090 NID provides a secure and weather resistant enclosure for Telco service for residential or commercial installations. The 7090 supplies station protection and test access points and can be configured for a maximum of six POTS lines or three lines with DSL. The 7090 features plenty of working space for wire management.

### How To Order

**7090 - 0X - X X - XX - XX**

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

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

1 = One    3 = Three    5 = Five  
2 = Two    4 = Four    6 = Six

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

D<sup>1</sup> = 455HS-MSP (2377-45-HS) Voice / DSL / Data (UL, cUL)  
Z<sup>1</sup> = 455HS-BC\* (2377-45-BC) Balance-Sensitive DSL (UL, cUL)  
E<sup>2</sup> = 155HS-MSP (2378-35-HS) Voice / DSL / Data (UL, cUL)  
Y<sup>2</sup> = 155HS-BC\* (2378-35-BC) Balance-Sensitive DSL (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)  
M = J130S (2380-27-01) Solid State Protector (UL, cUL)  
T = Tii355M  
O = 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

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

G = Security Screw in Telco Cover  
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)  
O = No options (standard 85122 jack)

**DSL Options<sup>†</sup>** \_\_\_\_\_

A1 = (1) 3610A ADSL POTS Splitter	P1 = (1) 3610A2 DSL 2+ POTS Splitter	V1 = (1) 3630A VDSL POTS Splitter
A2 = (2) 3610A ADSL POTS Splitters	P2 = (2) 3610A2 DSL 2+ POTS Splitters	V2 = (2) 3630A VDSL POTS Splitters
A3 = (3) 3610A ADSL POTS Splitters	P3 = (3) 3610A2 DSL 2+ POTS Splitters	V3 = (3) 3630A VDSL POTS Splitters

**† DSL Configuration Note:**  
The **3610A**, **3610A2** and **3630A** must be ordered with options **D**, **Z**, **E** or **Y** Station Protectors. 7090 NIDs ordered with DSL units will include **Special Option F** (4-post sealed switching jacks). Example: 7090-01-EF-A1

**DSL Equalization Option** \_\_\_\_\_

R1 = (1) 3660 Equalization Module

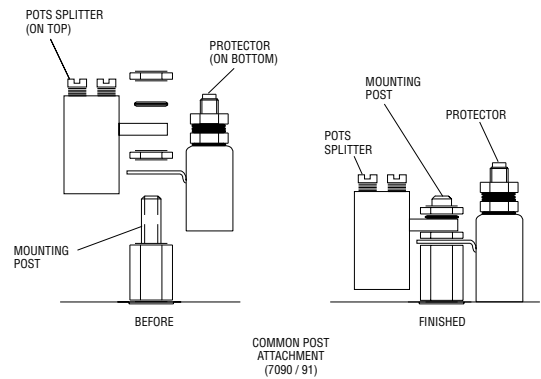
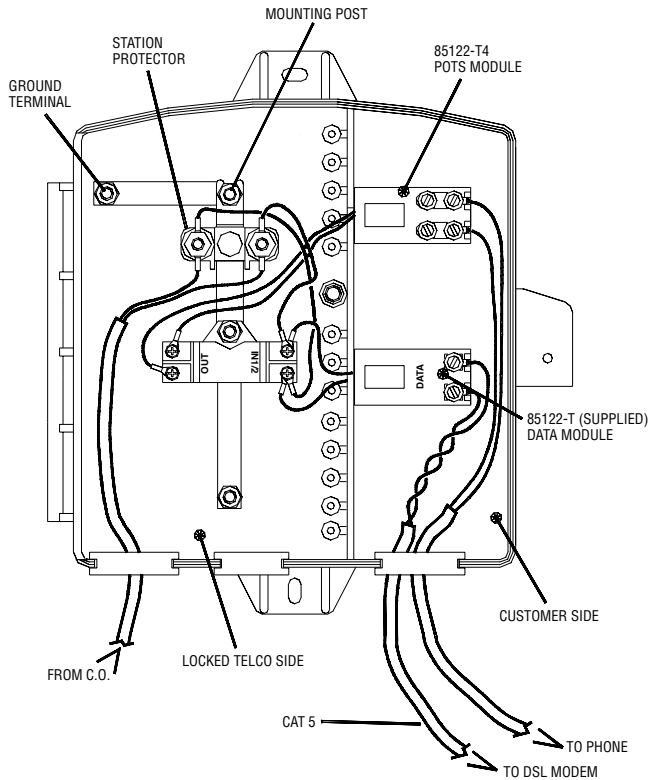
### To add lines, use station protector +

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

# 7090 Series – Network Interface Device

**BOURNS®**

## POTS Splitter Installation



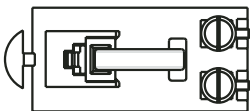
## Product Dimensions

High	Wide	Deep
229	216	69
(9.0)	(8.5)	(2.7)

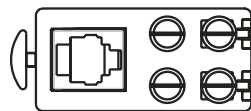
DIMENSIONS:  $\frac{\text{MM}}{\text{(INCHES)}}$

## RJ11 Subscriber Bridges

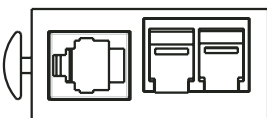
**85122  
Standard Loop**



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

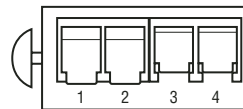


**85122-T-IDC\*  
Sealed Switch Jack w/IDC**

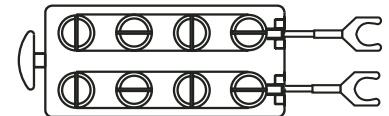


## Expansion Bridges

**85122-IDC  
Insulation Displacement  
Connectors**



**85122-B  
Binding Post**



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

REV. K 06/06

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