



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

Model Number Designator _____ Number of Twisted Pairs _____ 1 = One 3 = Three 5 = Five 2 = Two 4 = Four 6 = Six Station Protector Options _____ D¹ = 455HS-MSP (2377-45-HS) Voice / DSL / Data (UL, cUL) Z¹ = 455HS-BC* (2377-45-BC) Balance-Sensitive DSL (UL, cUL) E² = 155HS-MSP (2378-35-HS) Voice / DSL / Data (UL, cUL) Y² = 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[†] _____ <table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">A1 = (1) 3610A ADSL POTS Splitter</td> <td style="width: 33%;">P1 = (1) 3610A2 DSL 2+ POTS Splitter</td> <td style="width: 33%;">V1 = (1) 3630A VDSL POTS Splitter</td> </tr> <tr> <td>A2 = (2) 3610A ADSL POTS Splitters</td> <td>P2 = (2) 3610A2 DSL 2+ POTS Splitters</td> <td>V2 = (2) 3630A VDSL POTS Splitters</td> </tr> <tr> <td>A3 = (3) 3610A ADSL POTS Splitters</td> <td>P3 = (3) 3610A2 DSL 2+ POTS Splitters</td> <td>V3 = (3) 3630A VDSL POTS Splitters</td> </tr> </table> † 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	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	7090 - 0X - X X - XX - XX
A1 = (1) 3610A ADSL POTS Splitter	P1 = (1) 3610A2 DSL 2+ POTS Splitter	V1 = (1) 3630A VDSL POTS Splitter								
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A3 = (3) 3610A ADSL POTS Splitters	P3 = (3) 3610A2 DSL 2+ POTS Splitters	V3 = (3) 3630A VDSL POTS Splitters								

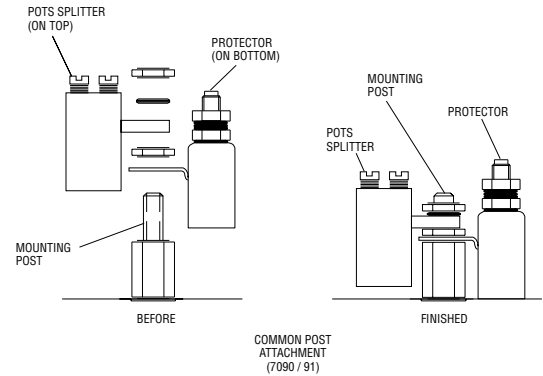
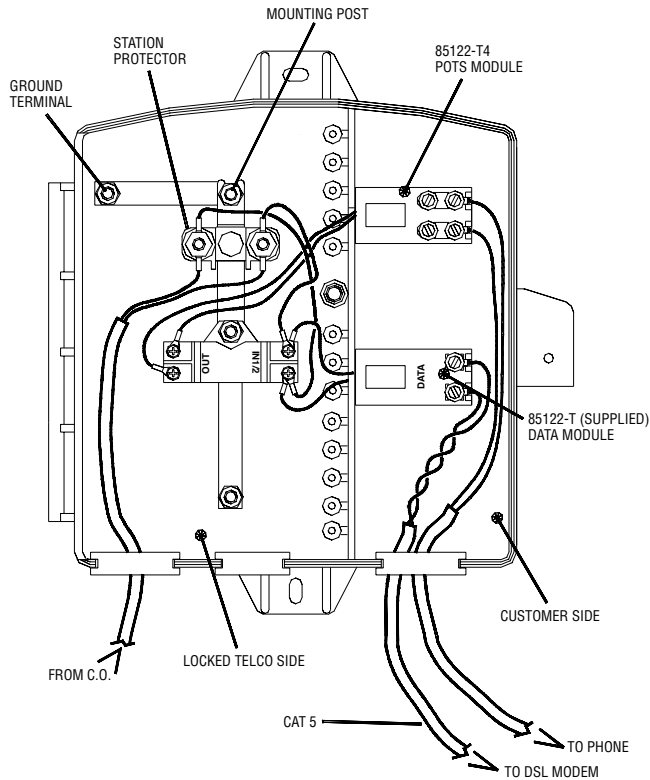
To add lines, use station protector +

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

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BOURNS®

POTS Splitter Installation



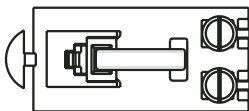
Product Dimensions

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

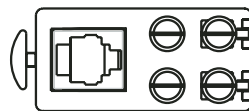
DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

RJ11 Subscriber Bridges

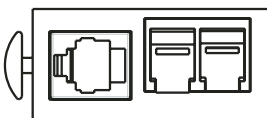
85122 Standard Loop



85122-T4* Internal Switch - 4 Lugs

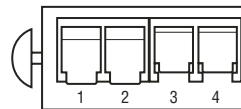


85122-T-IDC* Sealed Switch Jack w/IDC

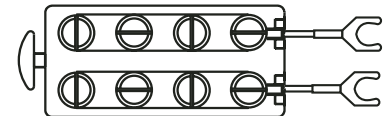


Expansion Bridges

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.