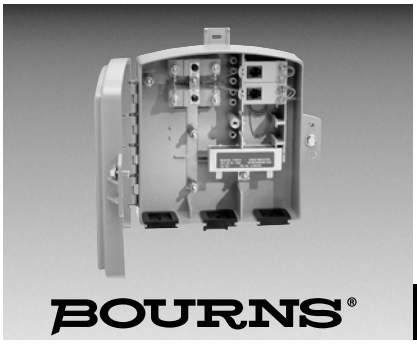


BOURNS®

Features

- Accepts Bourns® DSL POTS Splitters, Station, & Coaxial Protectors
- Manufactured from high-impact resistant, ultraviolet-desensitized, flame retardant plastic
- Optional sealed switching jacks with Insulation Displacement Connectors (IDC)
- Subscriber lockable with Telco override
- Convenient ground attachment
- Ⓤ Listed per UL 497 (File: E53117)

7091 Series - Network Interface Device

Bourns® Model 7091 NID provides a secure and weather resistant enclosure for Telco service for residential or commercial installations. The 7091 is designed for termination and protection of various combinations of subscriber services including Twisted Pair, DSL and Coaxial lines. The 7091 features plenty of working space for wire management.

How To Order

7091 - X X - X X X - XX

Model Number Designator

Number of Coax Protectors
0 = None 3 = One 1740-xx Coax Protector 4 = Two 1740-xx Coax Protectors

Number of Twisted Pairs
1 = One 2 = Two 3 = Three 4 = Four

Station Protector Options
D [1] = 455HS-MSP (2377-45-HS) Voice/Data/DSL (UL,cUL)
U [3] = 455HS-MSP (2377-45-HS-IDC) Voice/DSL/Data (UL, cUL)
Z [1] = 455HS-BC* (2377-45-BC) Balance-Sensitive DSL (UL, cUL)
W [3] = 455HS-BC* (2377-45-BC-IDC) Balance-Sensitive DSL (UL, cUL)
V [3] = 455-MSP-TBU (2377-45-HS-TBU) 455HS w/TBU® Protector (UL, cUL)
Q [3] = 455BC-MSP-TBU* (2377-45-BC-TBU) Balance-Sensitive MSP w/TBU® Protector (UL, cUL)
E [2] = 155HS-MSP (2378-35-HS) Voice/DSL/Data (UL, cUL)
Y [2] = 155HS-BC* (2378-35-BC) Balance-Sensitive DSL (UL, cUL)
G = 155G (2378-35-G) Balanced GDT, No Back-Up-Cap (UL, cUL)
K = 356G (2377-35-G) Balanced GDT, No Back-Up-Cap (UL, cUL)
R [3] = 356G (2377-35-G-IDC) Balanced GDT, No Back-Up-Cap (UL, cUL)
T = T155M
O = No Station Protectors (Not available with DSL configurations)

*For DSL systems requiring capacitive balance within pr...
Note 1 = Digi.Guard® - 56 size, PLUS Maximum Duty.
Note 2 = Digi.Guard® - 125 size, PLUS Heavy Duty.
Note 3 = Insulation Displacement Connectors (IDC)

Special Options
G = Security Screw in Telco Cover
H = Security Screw + 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)
N = 90 ° F-connector (85901)

Coax Protector Type
2 = 1740-15 (150 V±20 % DC Breakdown @ 100 V/Sec)
3 = 1740-23 (230 V±20 % DC Breakdown @ 100 V/Sec)
4 = 1740-35 (350 V±20 % DC Breakdown @ 100 V/Sec)

POTS Splitter Options†
A1 = One 3610A ADSL POTS Splitter
A2 = Two 3610A ADSL POTS Splitters
P1 = One 3610A2 ADSL 2+ POTS Splitter
P2 = Two 3610A2 ADSL 2+ POTS Splitters
V1 = One 3630A VDSL POTS Splitter
V2 = Two 3630A VDSL POTS Splitters

†DSL Configuration Note:
The POTS Splitter options must be ordered with option **D, Z, E or Y** Station Protectors.
7091 NIDs ordered with DSL units will include **Special Option F** (4-post sealed switching jack). Example: 7091-31-EF2-A1

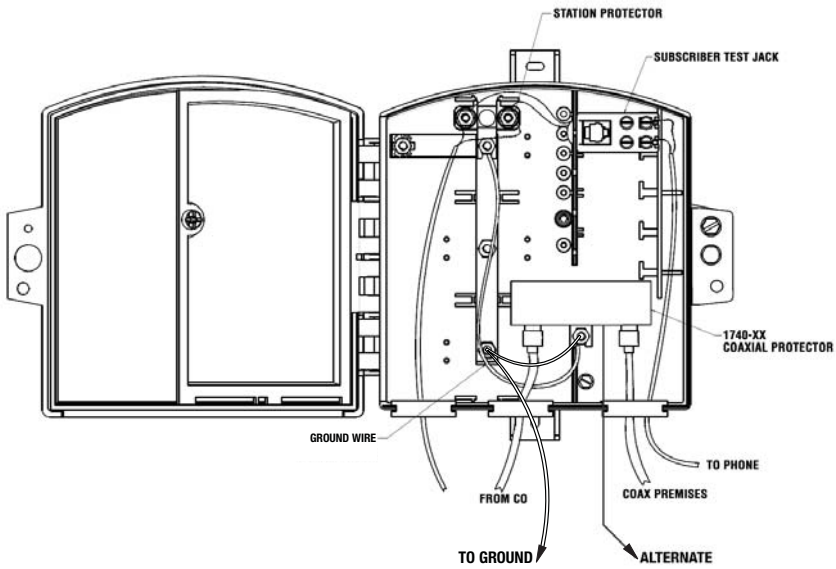
To add lines, use station protector +

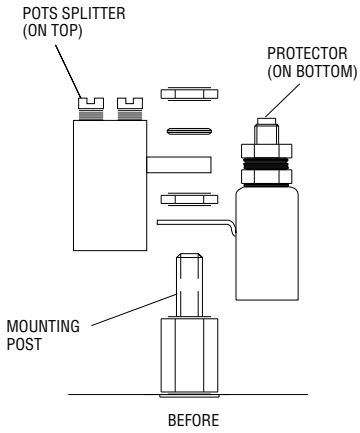
85122	Standard Jack (Not available with DSL configurations)
85122-T4	Sealed Switching Jack, 4-post
85122-T-IDC	Sealed Switching Jack w/IDC

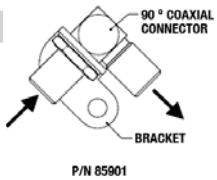
7091 Series - Network Interface Device

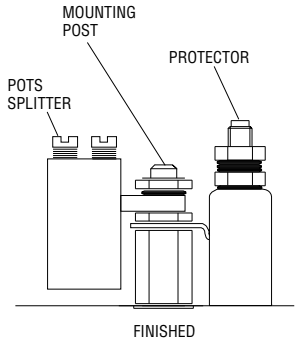
BOURNS®

Installation Diagrams









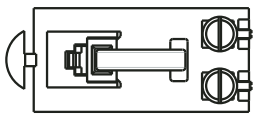
Product Dimensions

High	Wide	Deep
228.6 (9.0)	215.9 (8.5)	69 (2.7)

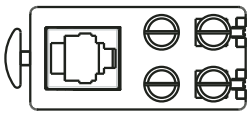
DIMENSIONS: MM (INCHES)

RJ11 Subscriber Bridges

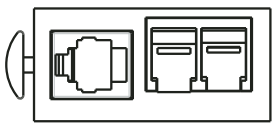
85122
Standard Loop



85122-T4*
Internal Switch - 4 Lugs

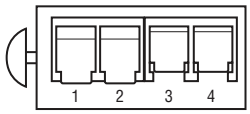


85122-T-IDC*
Sealed Switch Jack w/IDC

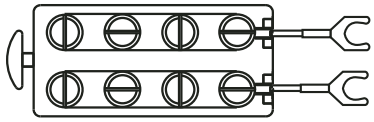


Expansion Bridges

85122-IDC
Insulation Displacement Connectors



85122-B
Binding Post



*Includes environmental sealant and closed-cell foam gasket.

REV. N 04/15