"7004"

BOURNS®

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
- (UL) 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
D[1] =455HS-MSP (2377-45-HS) Voice/Data/DSL (UL,cUL)
Z[1] = 455HS-BC* (2377-45-BC) Balance-Sensitive DSL (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)

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

†DSL Configuration Note:
The **3610A, 3610A2 and 3630A** must be ordered with option **D, Z, E or Y** Station Protectors.

7004 NIDs ordered with DSL units will include **Special Option F** (4-post sealed switching jacks). Example: 7004-01-DF-P1

DSL Equalization
R1 = One 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
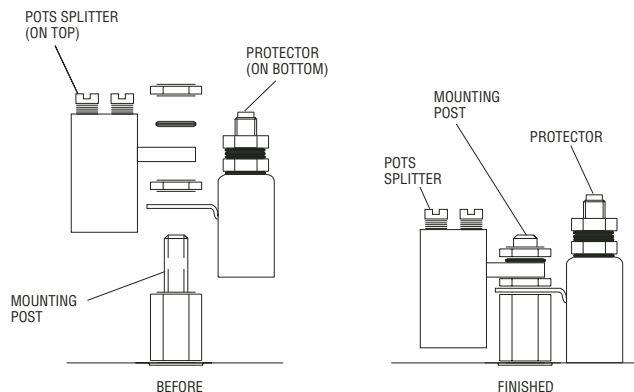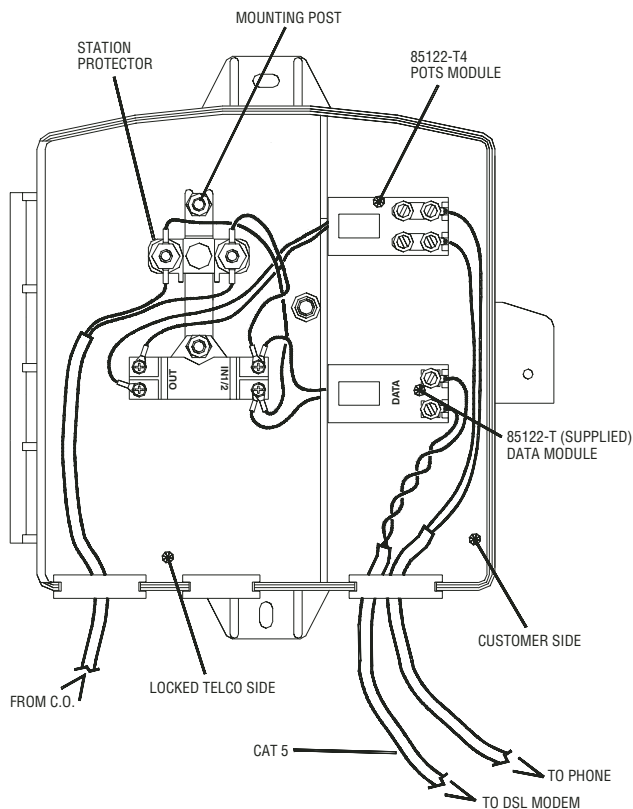
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Reliable Electronic Solutions

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

7004 Series - Network Interface Device

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Installation Diagrams

STATION PROTECTOR

MOUNTING POST

85122-T4 POTS MODULE

OUT IN1/2

DATA

85122-T (SUPPLIED) DATA MODULE

CUSTOMER SIDE

LOCKED TELCO SIDE

FROM C.O.

CAT 5

TO PHONE

TO DSL MODEM

POTS SPLITTER (ON TOP)

PROTECTOR (ON BOTTOM)

MOUNTING POST

MOUNTING POST

POTS SPLITTER

PROTECTOR

BEFORE

FINISHED

Product Dimensions

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

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

RJ11 Subscriber Bridges

85122
Standard Loop
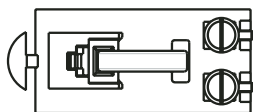
85122-T4*
Internal Switch - 4 Lugs
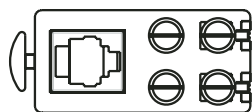
85122-T-IDC*
Sealed Switch Jack w/IDC
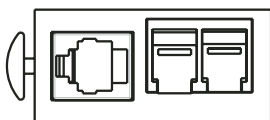
Expansion Bridges

85122-IDC
Insulation Displacement Connectors

1 2 3 4
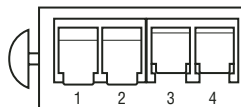
85122-B
Binding Post
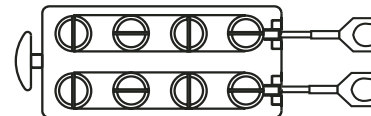
*Includes environmental sealant and closed-cell foam gasket.