



**BOURNS®**

## Features

- Enclosure sizes for 6, 12, 25 and 50 maximum subscriber lines
- Accepts all Bourns Station Protectors, DSL POTS Splitters and various combinations
- Manufactured from flame-proof, high-impact resistant, ultraviolet-desensitized, UL Listed plastics
- Enclosure sizes C and D are manufactured from 18-gauge rust resistant zinc-coated steel
- Optional 2 or 4 Post Sealed Switching Jack (RJ11)
- Locking subscriber test modules with Telco override
- Provisioned for easy ground attachment
- (UL) Listed per UL 497 (File: E53117)

## 7101 Series – Network Interface Device

Designed for outdoor installations at the residential or commercial premises, the 7101 Series NID provides a secure and weather-resistant enclosure for Bourns® Station Protectors and DSL modules. Enclosure sizes are available in 6, 12, 25 and 50 maximum subscriber line capacities, or factory pre-configured lines can be added in the field. For added security, all 7101 Series NIDs have interchangeable and individually lockable subscriber test modules with telco override provisions.

### Product Dimensions

Enclosure Size	Material	Maximum Twisted Pairs	DSL Count	Height	Width	Depth
A	Plastic	6	3	$\frac{254.0}{(10.0)}$	$\frac{279.4}{(11.0)}$	$\frac{73.7}{(2.9)}$
B	Plastic	12	6	$\frac{469.92}{(18.5)}$	$\frac{92.1}{(11.5)}$	$\frac{88.9}{(3.5)}$
C	Steel	25	12	$\frac{482.64}{(19.0)}$	$\frac{82.6}{(19.0)}$	$\frac{114.3}{(4.5)}$
D	Steel	50	25	$\frac{825.5}{(32.5)}$	$\frac{444.5}{(17.5)}$	$\frac{88.9}{(3.5)}$

### How to Order

7101 - XX - X X X - X X

#### Model Number Designator

#### Number of Twisted Pair Subscriber Lines

06 = Six                      25 = Twenty-five  
12 = Twelve                50 = Fifty

#### Station Protector Options

D<sup>1</sup> = 455HS-MSP (2377-45-HS) Voice/Data/DSL (UL,cUL)  
 U<sup>3</sup> = 455HS-MSP (2377-45-HS-IDC) Voice/DSL/Data (UL,cUL)  
 Z<sup>1</sup> = 455HS-BC\* (2377-45-BC) Balance-Sensitive DSL (UL, cUL)  
 W<sup>3</sup> = 455HS-BC\* (2377-45-BC-IDC) Balance-Sensitive DSL (UL, cUL)  
 V<sup>3</sup> = 455-MSP-TBU\* (2377-45-HS-TBU) MSP w/TBU® Protector (UL, cUL)  
 Q<sup>3</sup> = 455BC-MSP-TBU\* (2377-45-BC-TBU) Balance-Sensitive MSP w/TBU® Protector (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)  
 K = 356G (2377-35-G) Balanced GDT, No Back-Up-Gap (UL, cUL)  
 R<sup>3</sup> = 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 = Ti355M  
 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

Note 3 = Insulation Displacement Connectors (IDC)

#### Enclosure Size

A = 6 Pair Capacity                      C = 25 Pair Capacity  
B = 12 Pair Capacity                    D = 50 Pair Capacity

#### Special Options

T = Sealed Switching Jack 2-post    O = No Options  
X = Brass Bus Bar (standard on 50 pair units)  
(Security screws available.)

#### DSL Options

P(nn) = (1) 3610A2, ADSL 2+ POTS Splitter ("nn" indicates the number of DSL Lines)  
 P(nn)-I = (1) 3610A2-IDC, ADSL2+ POTS Splitter-IDC ("nn" indicates the number of DSL Lines)

#### Number of DSL Lines

3,6,12,25

Note 1 = Digi.Guard

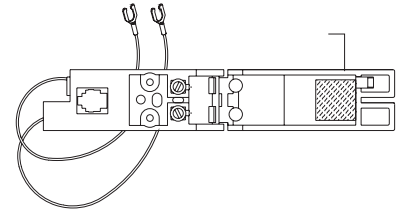
#### \*DSL Configuration Note:

Example: 7101-12-DCO-P12

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

### Individual Locking Subscriber Modules

Optional 85037-T



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Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.