

## 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, plastic
- Enclosure sizes C and D are manufactured from 18-gauge rust resistant zinc-coated steel
- Optional 2-post sealed switching jack (RJ11)
- Locking subscriber test modules with Telco override
- Provisioned for easy ground attachment
- Ⓛ Listed per UL 497 (File: E53117)

## 7101 Series – Network Interface Device

Designed for outdoor installations at the residential or commercial premise, 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	254.0 (10.0)	279.4 (11.0)	73.7 (2.9)
B	Plastic	12	6	469.92 (18.5)	92.1 (3.6)	88.9 (3.5)
C	Steel	25	12	422.04 (16.6)	114.3 (4.5)	114.3 (4.5)
D	Steel	50	25	822.0 (32.4)	444.5 (17.5)	88.9 (3.5)

### How to Order

#### Model Number Designator

#### Number of Twisted Pair Subscriber Lines

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

#### Station Protector Options

D<sup>3</sup> = 455HS-MSP (2377-45-HS) Voice/Data DSL (UL, cUL)  
U<sup>3</sup> = 455HS-MSP (2377-45-HS) Voice/DSL (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/TRU® Protector (UL, cUL)  
Q<sup>3</sup> = 455BC-MSP-TBU\* (2377-45-BC-TBU) Balance-Sensitive MSP w/TRU® Protector (UL, cUL)  
E<sup>2</sup> = 155HS-MSP (2377-45-HS) Voice/DSL/Data (UL, cUL)  
Y<sup>2</sup> = 155HS-BC (2377-45-BC) Balance-Sensitive DSL (UL, cUL)  
G = 155G (2377-45-G) Balanced GDT, No Back-Up-Gap (UL, cUL)  
K = 356G (2377-45-G) Balanced GDT, No Back-Up-Gap (UL, cUL)  
R<sup>3</sup> = 356G (2377-45-G-DC) Balanced GDT, No Back-Up-Gap (UL, cUL)  
T = Tti356M  
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.)

#### POTS Splitter 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 w/IDC ("nn" indicates the number of DSL Lines)

†DSL Configuration Note:

The POTS Splitter options must be ordered with option D, Z, E or Y Station Protectors.

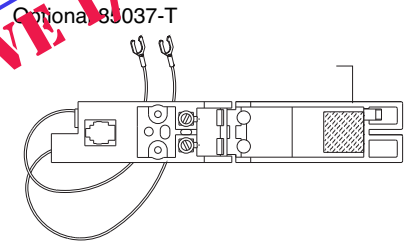
#### Number of DSL Lines

3,6,12,25

Note 1 = Digi.Guard

7101-XX-XXX-XX

Individual Locking Subscriber Modules



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REV. N 04/15

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.