Features

- Field expandable from 1 to 12 pair, 1 to 25 pair, 1 to 50 pair and 1 to 100 pair

- Comprehensive subscriber installation and use instructions

- Ⓤ Listed per UL 497 (File: E53117)

- Made of high-impact, ultraviolet-desensitized, flame retardant plastic (100 pair is 18 gauge rust-resistant zinc-coated steel; 50 pair available in either plastic or steel)

BOURNS®

7070 Series - Building Entrance Terminal

Bourns® 7070 Building Entrance Terminal is designed to house up to 100 industry standard Station Protectors at the customer premises. The weather-resistant enclosure provides environmental protection while the station protectors guard against damage due to lightning surges, power cross conditions or ground potential rises.

The Model 7070 Series is available in standard configurations of 6, 12, 25, 50 and 100 pair designs. It is designed to house all industry standard protectors, including Bourns® Digi.Guard MSP® Protectors. All protector modules are easily field replaceable.

Product Dimensions

Enclosure Size	Pair (Maximum)	Dimensions		
		High	Wide	Deep
A	12	279.4 (11.0)	279.4 (11.0)	101.6 (4.0)
B	25	444.5 (17.5)	279.4 (11.0)	127 (5.0)
C	50	431.8 (17.0)	406.4 (16.0)	76.2 (3.0)
D	100	914.4 (36.0)	482.6 (19.0)	114.3 (4.5)
V	50	469.9 (18.5)	444.5 (17.5)	139.7 (5.5)

DIMENSIONS: MM (INCHES)

Mounting Brackets (Avail. Separately)

Mounting brackets 85111-A for 7070-xx-xAx and 85111-B for 7070-xx-xBx are available separately. These accessories provide external mounting tabs for wall or pole mounting.

85111-A
for 7070-xx-xAx

85111-B
for 7070-xx-xBx

How to Order

7070 - XX - X X X - XX

Model Number Designator

Number of Lines
06, 12, 25, 50, 100

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) MSP 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-Gap (UL, cUL)
K = 356G (2377-35-G) Balanced GDT, No Back-Up-Gap (UL, cUL)
R [3] = 356G (2377-35-G-IDC) Balanced GDT, No Back-Up-Gap (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
Note 3 = Insulation Displacement Connectors (IDC)

Enclosure Size and Construction (see above table for dimensions)
A = 12 Pair Capacity (Plastic)   D = 100 Pair Capacity (Steel)
B = 25 Pair Capacity (Plastic)   V = 50 Pair Capacity (Plastic)
C = 50 Pair Capacity (Steel)

Special Options
O = No Options   X = Dual Ground Plate
Dual Ground Plate is standard on 50 and 100 Pair units. Security screws available.

POTS Splitter Options †
P(nn) = (1) 3610A2, ADSL 2+ POTS Splitter, UL Listed ("nn" indicates the no. of DSL Lines)
P(nn)-I = (1) 3610A2-IDC, ADSL2+ POTS Splitter-IDC, UL Listed ("nn" indicates the no. of DSL Lines)

V(nn) = (1) 3610V2, VDSL 2 POTS Splitter, UL Listed ("nn" indicates the no. of DSL Lines)
V(nn)-I = (1) 3610V2-IDC, VDSL2 POTS Splitter-IDC, UL Listed ("nn" indicates the no. of DSL Lines)

†DSL Configuration Note:
The POTS Splitter options must be ordered with option **D, Z, E or Y** Station Protectors.

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REV. L 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.