

# Altech Corp.®

*Serving the Automation & Control Industry since 1984*



**Wire Duct**

## Standard Slot

**Supplied with lid**

| nominal size    | external dimensions  |                       | part no. selection |               |                |                | standard pack                 |               |
|-----------------|----------------------|-----------------------|--------------------|---------------|----------------|----------------|-------------------------------|---------------|
| w x h<br>inches | width<br>inches (mm) | height<br>inches (mm) | gray<br>PVC        | white<br>PVC  | black<br>PVC   | blue<br>PVC    | no. of lengths<br>6 1/2' each | total<br>feet |
|                 |                      |                       |                    |               |                |                |                               |               |
|                 |                      |                       |                    |               |                |                |                               |               |
|                 |                      |                       |                    |               |                |                |                               |               |
| 1" x 1 1/2"     | 1.14 (29)            | 1.61 (41)             | B25x40S-R          | B25x40S/W-R   | B25x40S/BL-R   | —              | 12                            | 78            |
| 1" x 2"         | 1.14 (29)            | 2.13 (54)             | B25x60S-R          | B25x60S/W-R   | B25x60S/BL-R   | B25x60S/BU-R   | 12                            | 78            |
| 1" x 3"         | 1.14 (29)            | 3.11 (79)             | B25x80S-R          | B25x80S/W-R   | B25x80S/BL-R   | B25x80S/BU-R   | 8                             | 52            |
| 1" x 4"         | 1.18 (30)            | 4.13 (105)            | B25x100S-R         | B25x100S/W-R  | B25x100S/BL-R  | B25x100S/BU-R  | 8                             | 52            |
|                 |                      |                       |                    |               |                |                |                               |               |
| 1 1/2" x 1 1/2" | 1.61 (41)            | 1.61 (41)             | B40x40S-R          | B40x40S/W-R   | B40x40S/BL-R   | —              | 12                            | 78            |
| 1 1/2" x 2"     | 1.61 (41)            | 2.13 (54)             | B40x60S-R          | B40x60S/W-R   | B40x60S/BL-R   | B40x60S/BU-R   | 8                             | 52            |
| 1 1/2" x 3"     | 1.54 (39)            | 3.11 (79)             | B40x80S-R          | B40x80S/W-R   | B40x80S/BL-R   | B40x80S/BU-R   | 8                             | 52            |
| 1 1/2" x 4"     | 1.69 (43)            | 4.13 (105)            | B40x100S-R         | B40x100S/W-R  | B40x100S/BL-R  | B40x100S/BU-R  | 8                             | 52            |
|                 |                      |                       |                    |               |                |                |                               |               |
| 2" x 1"         | 2.13 (54)            | 1.10 (28)             | B60x25S-R          | B60x25S/W-R   | B60x25S/BL-R   | —              | 12                            | 78            |
| 2" x 1 1/2"     | 2.13 (54)            | 1.61 (41)             | B60x40S-R          | B60x40S/W-R   | B60x40S/BL-R   | —              | 8                             | 52            |
| 2" x 2"         | 2.13 (54)            | 2.13 (54)             | B60x60S-R          | B60x60S/W-R   | B60x60S/BL-R   | B60x60S/BU-R   | 8                             | 52            |
| 2" x 3"         | 2.17 (55)            | 3.11 (79)             | B60x80S-R          | B60x80S/W-R   | B60x80S/BL-R   | B60x80S/BU-R   | 8                             | 52            |
| 2" x 4"         | 2.20 (56)            | 4.13 (105)            | B60x100S-R         | B60x100S/W-R  | B60x100S/BL-R  | —              | 4                             | 26            |
|                 |                      |                       |                    |               |                |                |                               |               |
| 3" x 1 1/2"     | 3.15 (80)            | 1.61 (41)             | B80x40S-R          | B80x40S/W-R   | B80x40S/BL-R   | —              | 8                             | 52            |
| 3" x 2"         | 3.07 (78)            | 2.13 (54)             | B80x60S-R          | B80x60S/W-R   | B80x60S/BL-R   | —              | 8                             | 52            |
| 3" x 3"         | 3.15 (80)            | 3.15 (80)             | B80x80S-R          | B80x80S/W-R   | B80x80S/BL-R   | B80x80S/BU-R   | 8                             | 52            |
| 3" x 4"         | 3.15 (80)            | 4.13 (105)            | B80x100S-R         | B80x100S/W-R  | B80x100S/BL-R  | B80x100S/BU-R  | 4                             | 26            |
|                 |                      |                       |                    |               |                |                |                               |               |
| 4" x 2"         | 4.21 (107)           | 2.13 (54)             | B100x60S-R         | B100x60S/W-R  | B100x60S/BL-R  | —              | 4                             | 26            |
| 4" x 3"         | 4.21 (107)           | 3.15 (80)             | B100x80S-R         | B100x80S/W-R  | B100x80S/BL-R  | B100x80S/BU-R  | 4                             | 26            |
| 4" x 4"         | 4.21 (107)           | 4.09 (104)            | B100x100S-R        | B100x100S/W-R | B100x100S/BL-R | B100x100S/BU-R | 4                             | 26            |
| 4" x 5"         | 4.21 (107)           | 5.12 (130)            | B100x130S-R        | B100x130S/W-R | B100x130S/BL-R | —              | 4                             | 26            |
|                 |                      |                       |                    |               |                |                |                               |               |
| 5" x 3"         | 5.16 (131)           | 3.07 (78)             | B130x80S-R         | B130x80S/W-R  | B130x80S/BL-R  | —              | 4                             | 26            |

## MATERIAL

self extinguishing PVC

## SERVICE TEMPERATURE

+5° F to +140° F (-15° C to +60° C)

## STANDARDS

base slots to DIN 43659

## STANDARD COLORS

gray, white, black & blue

## FLAMMABILITY

UL94 V-O rated material



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## Thin Slot

### Supplied with lid

| nominal size    | external dimensions |                                               | part no. selection |               |                | carton quantity               |               |
|-----------------|---------------------|-----------------------------------------------|--------------------|---------------|----------------|-------------------------------|---------------|
|                 | w x h<br>inches     | width<br>inches (mm)<br>height<br>inches (mm) | gray<br>PVC        | white<br>PVC  | black<br>PVC   | no. of lengths<br>6 1/2' each | total<br>feet |
| 1" x 1 1/2"     | 1.14 (29)           | 1.61 (41)                                     | B25x40T-R          | B25x40T/W-R   | B25x40T/BL-R   | 12                            | 78            |
| 1" x 2"         | 1.14 (29)           | 2.13 (54)                                     | B25x60T-R          | B25x60T/W-R   | B25x60T/BL-R   | 12                            | 78            |
| 1" x 3"         | 1.14 (29)           | 3.11 (79)                                     | B25x80T-R          | B25x80T/W-R   | B25x80T/BL-R   | 8                             | 52            |
| 1" x 4"         | 1.18 (30)           | 4.13 (105)                                    | B25x100T-R         | B25x100T/W-R  | B25x100T/BL-R  | 8                             | 52            |
| 1 1/2" x 1 1/2" | 1.61 (41)           | 1.61 (41)                                     | B40x40T-R          | B40x40T/W-R   | B40x40T/BL-R   | 12                            | 78            |
| 1 1/2" x 2"     | 1.61 (41)           | 2.13 (54)                                     | B40x60T-R          | B40x60T/W-R   | B40x60T/BL-R   | 8                             | 52            |
| 1 1/2" x 3"     | 1.61 (41)           | 3.11 (79)                                     | B40x80T-R          | B40x80T/W-R   | B40x80T/BL-R   | 8                             | 52            |
| 1 1/2" x 4"     | 1.69 (43)           | 4.13 (105)                                    | B40x100T-R         | B40x100T/W-R  | B40x100T/BL-R  | 8                             | 52            |
| 2" x 1 1/2"     | 2.20 (56)           | 1.61 (41)                                     | B60x40T-R          | B60x40T/W-R   | B60x40T/BL-R   | 8                             | 52            |
| 2" x 2"         | 2.13 (54)           | 2.13 (54)                                     | B60x60T-R          | B60x60T/W-R   | B60x60T/BL-R   | 8                             | 52            |
| 2" x 3"         | 2.17 (55)           | 3.11 (79)                                     | B60x80T-R          | B60x80T/W-R   | B60x80T/BL-R   | 8                             | 52            |
| 2" x 4"         | 2.20 (56)           | 4.13 (105)                                    | B60x100T-R         | B60x100T/W-R  | B60x100T/BL-R  | 4                             | 26            |
| 3" x 1 1/2"     | 3.15 (80)           | 1.61 (41)                                     | B80x40T-R          | B80x40T/W-R   | B80x40T/BL-R   | 8                             | 52            |
| 3" x 2"         | 3.07 (78)           | 2.13 (54)                                     | B80x60T-R          | B80x60T/W-R   | B80x60T/BL-R   | 8                             | 52            |
| 3" x 3"         | 3.15 (80)           | 3.15 (80)                                     | B80x80T-R          | B80x80T/W-R   | B80x80T/BL-R   | 8                             | 52            |
| 3" x 4"         | 3.15 (80)           | 4.13 (105)                                    | B80x100T-R         | B80x100T/W-R  | B80x100T/BL-R  | 4                             | 26            |
| 4" x 2"         | 4.21 (107)          | 2.13 (54)                                     | B100x60T-R         | B100x60T/W-R  | B100x60T/BL-R  | 4                             | 26            |
| 4" x 3"         | 4.21 (107)          | 3.15 (80)                                     | B100x80T-R         | B100x80T/W-R  | B100x80T/BL-R  | 4                             | 26            |
| 4" x 4"         | 4.21 (107)          | 4.09 (104)                                    | B100x100T-R        | B100x100T/W-R | B100x100T/BL-R | 4                             | 26            |

#### MATERIAL

self extinguishing PVC

#### SERVICE TEMPERATURE

+5° F to +140° F (-15° C to +60° C)

#### STANDARDS

base slots to DIN 43659

#### STANDARD COLORS

gray, white & black

#### FLAMMABILITY

UL94 V-0 rated material



ISO9001:2000 Certified



**Supplied with lid**

## MATERIAL

## SERVICE TEMPERATURE

## STANDARDS

## STANDARD COLORS

## FLAMMABILITY

**UL**  
C US  
E161178

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## Product Features

The Panel building market has very specific needs. This unique cable management system developed specifically for use within cabinets and control panels. Select Standard, Thin, Closed Slot and Unslotted depending on the application. Available in a number of sizes and colors, manufactured in standard PVC material.

### CABLE RETENTION

Wiring duct design allows cables to be retained during installation, making routing and cable termination a simple process

### LID RETENTION

Friction bead on wider trunking provides excellent lid retention to combat vibration

### BREAK-OUT

Fingers can be removed easily without the use of cutting tools

### EASY INSTALLATION

Base slots are to DIN 43659, providing maximum flexibility for easy installation



### SIZE RANGE

- Wide range of sizes to cater to a broad spectrum of requirements
- New larger sizes with narrower profiles to reduce panel footprint

### MATERIALS

- The standard range is manufactured using self extinguishing PVC

### COLORS

- Gray, white and black are standard
- Blue is offered for intrinsically safe wiring applications
- Other colors available

## Standard Wiring Duct

PVC provides a lightweight self extinguishing wiring duct with excellent rigidity and performance characteristics.

### Standard Slot



- Wide fingers giving additional cable support
- Terminated wires can be re-routed easily
- 0.79" slot pitch
- 0.31" slot width
- 22 sizes, available in gray, white, black or blue

### Unslotted



- Ideal where no break-outs are required or side wall access is infrequent
- Complete cable protection
- 22 sizes, in either gray, white or black

### Thin Slot



- Ideal for use with slimmer terminal blocks where more access is required
- Improves appearance of panels with cables out in best position
- 0.39" slot pitch
- 0.16" slot width
- 19 sizes in a choice of gray, white or black

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## Altech Corp.®

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Company



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CERTIFICATE



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Connectors >

Enclosures >

European Spare Parts >

Foot Switches

Interface Modules >

Power Supplies

Push Buttons & Pilot Lights >

Relays >

Sensors >

Terminal Blocks >

Tower Lights

Wire & Cable Management >

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### New Products and Promotions

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### Circuit Protection



Circuit  
Protection  
Devices



Busbar  
and Power  
Distribution



Contactors,  
Overload  
Relays, Manual  
Motor Starters



Motor  
Disconnect  
Switches



European  
Fuses

### Connectors



Industrial  
Rectangular  
Connectors



Pin & Sleeve  
Devices



Receptacles

### Foot Switches



Foot  
Switches

### Sensors



Inductive  
Proximity  
Sensors

### Enclosures



Industrial  
Enclosures



DIN  
Enclosures

### Modules & Relays



Interface  
Modules



Safety  
Relays



Slimline  
Relays

### Power Supplies



Power  
Supplies

### Push Buttons



22 & 30 mm  
Push Buttons

### DIN Rail



DIN  
Rail

### Wire & Cable Management



Liquid Tight  
Strain Reliefs/  
Corrugated  
Tubes



Wire Duct

### Terminal Blocks



Din Rail  
Terminal  
Blocks



Panel Mount  
Terminal  
Blocks



Printed Circuit  
Board Terminal  
Blocks



Eurostrips



Distribution  
Blocks

### Miscellaneous



Ferrules



Custom  
Assembly



Marking &  
Engraving  
Systems



Power  
Semi-  
conductors



European  
Spare Parts

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Altech Corp.® 555B-052013-5M  
Printed July 2013

