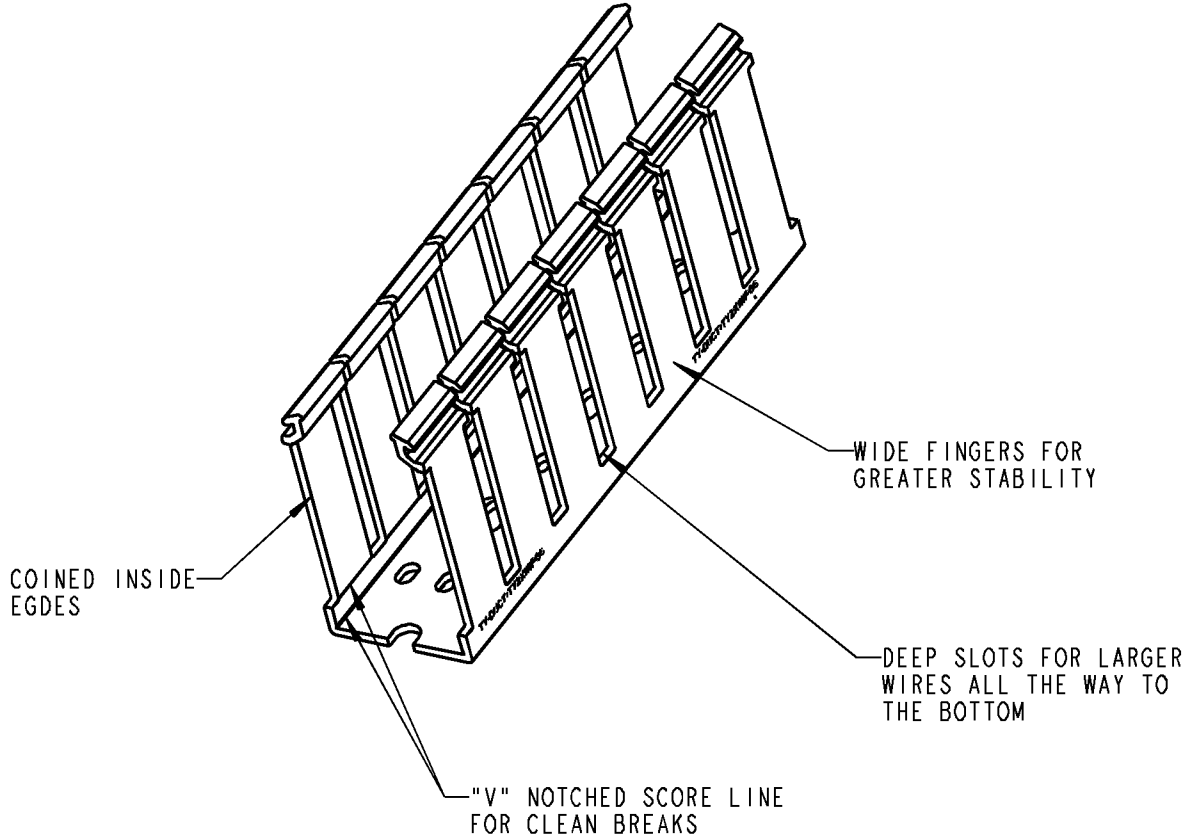




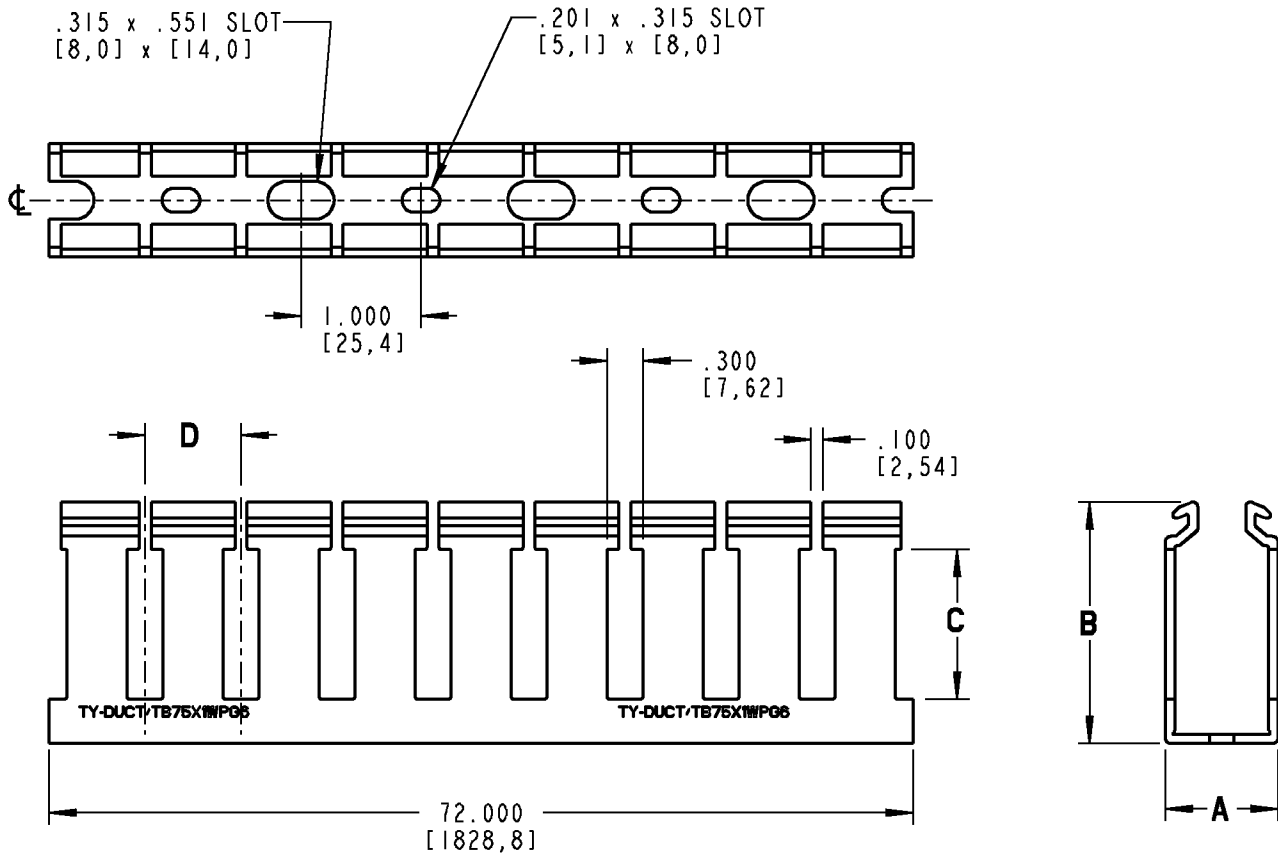
# Ty-Duct™



**NOTES:**

1. MATERIAL: RIGID PVC
2. TEMPERATURE RATING: -40°F [-40°C] TO 122°F [50°C]
3. FLAMMABILITY RATING: UL94V-0
4. NORTH AMERICAN AND DIN STYLE MOUNTING HOLES
5. FLUSH MOUNT COVER DESIGN. COVER MOUNTS FLUSH WITH SIDE WALLS

|   |  |  |                            |                      |                                  |
|---|--|--|----------------------------|----------------------|----------------------------------|
| <b>GENERAL NOTES</b>  |  | <b>Thomas &amp; Betts</b><br><small>www.tnb.com</small>          |                            |                      |                                  |
| 1. ALL DIMENSIONS ARE FOR REFERENCE ONLY.<br>2. DIMENSIONS IN BRACKETS [ ] ARE IN METRIC UNITS. |  |  |                            |                      |                                  |
| <b>REVISIONS</b>  |  |  |                            |                      |                                  |
| 2   | SEE ERN 2006994 FOR APPROVAL SIGNATURES & RELEASE DATE.<br>PROJECT NO: FD55400 | ORIGINAL PROJECT NO / ( ERN NO )<br><b>FD55400 / ( 2005724 )</b> | SHEET NO:<br><b>1 OF 6</b> | REV. NO:<br><b>2</b> | DRAWING NO:<br><b>WSD-000180</b> |



| CATALOG NO. | A (WIDTH)     | B (HEIGHT)     | C             | D            | COVER CATALOG NO. |
|-------------|---------------|----------------|---------------|--------------|-------------------|
| TY75X1WP*6  | .940 [23,88]  | 1.025 [26,04]  | .430 [10,92]  | .800 [20,32] | TY75CP*6          |
| TY75X15WP*6 |               | 1.500 [38,1]   | .830 [21,08]  |              |                   |
| TY75X2WP*6  |               | 2.014 [51,16]  | 1.249 [31,72] |              |                   |
| TY1X1WP*6   | 1.250 [31,75] | 1.025 [26,04]  | .430 [10,92]  |              | TY1CP*6           |
| TY1X15WP*6  |               | 1.500 [38,1]   | .830 [21,08]  |              |                   |
| TY1X2WP*6   |               | 2.014 [51,16]  | 1.249 [31,72] |              |                   |
| TY1X3WP*6   |               | 3.000 [76,2]   | 2.175 [55,25] | 1.000 [25,4] |                   |
| TY1X4WP*6   |               | 4.317 [109,65] | 3.487 [88,57] | 1.000 [25,4] |                   |

\* = COLOR CODE

B = BLACK    G = GRAY    I = INTRINSIC BLUE    W = WHITE

**Thomas & Betts**  
www.tnb.com

DESCRIPTION:

**WIDE SLOT WIRING DUCT**

SHEET NO:

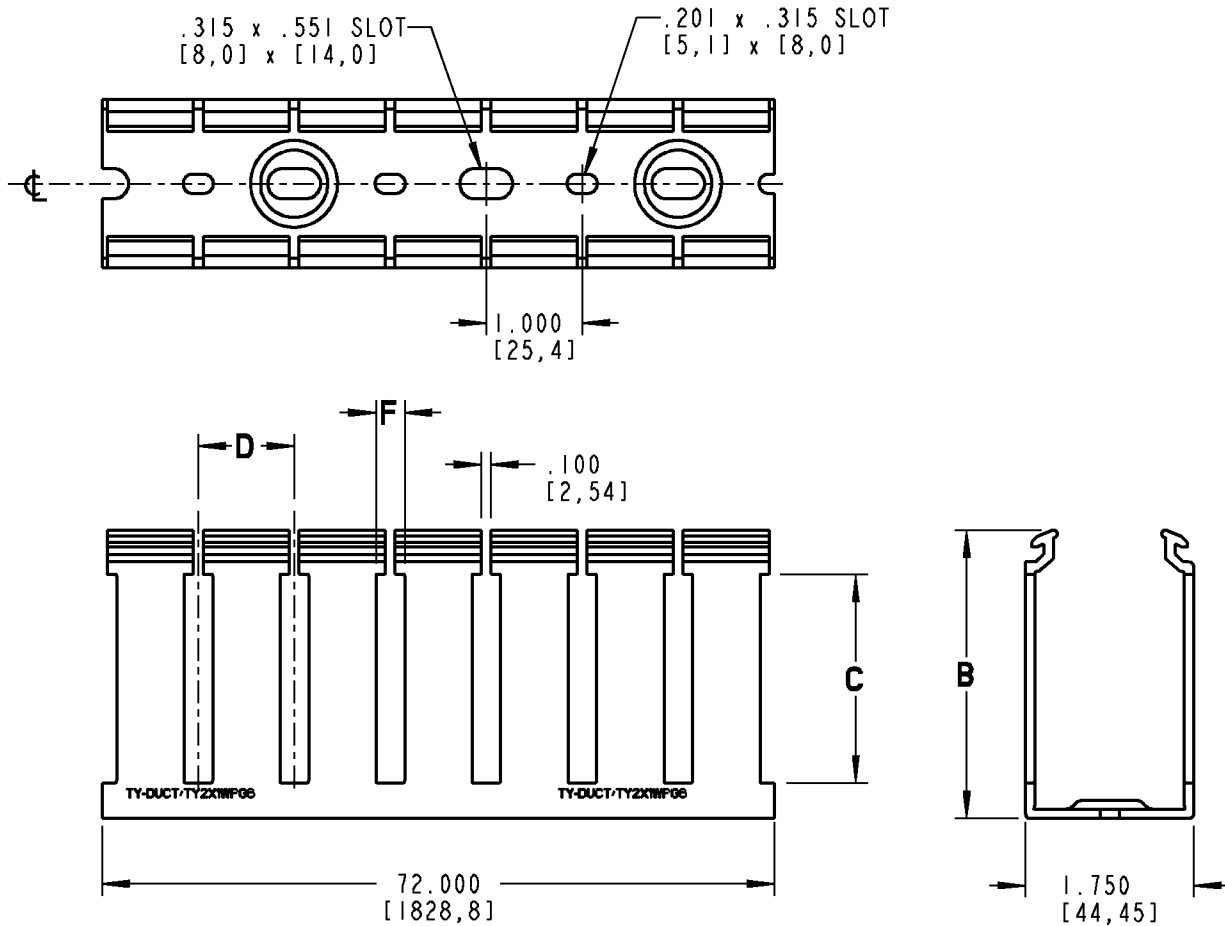
2 OF 6

REV. NO:

2

DRAWING NO:

**WSD-000180**



| CATALOG NO. | B<br>(HEIGHT)  | C             | D            | F           | COVER<br>CATALOG NO. |
|-------------|----------------|---------------|--------------|-------------|----------------------|
| TY15X1WP*6  | 1.025 [26,04]  | .430 [10,92]  | .800 [20,32] | .300 [7,62] | TY15CP*6             |
| TY15X15WP*6 | 1.500 [38,1]   | .830 [21,08]  |              |             |                      |
| TY15X2WP*6  | 2.014 [51,16]  | 1.249 [31,72] |              |             |                      |
| TY15X3WP*6  | 3.000 [76,2]   | 2.175 [55,25] |              |             |                      |
| TY15X4WP*6  | 4.317 [109,65] | 3.487 [88,57] |              |             |                      |

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**Thomas & Betts**  
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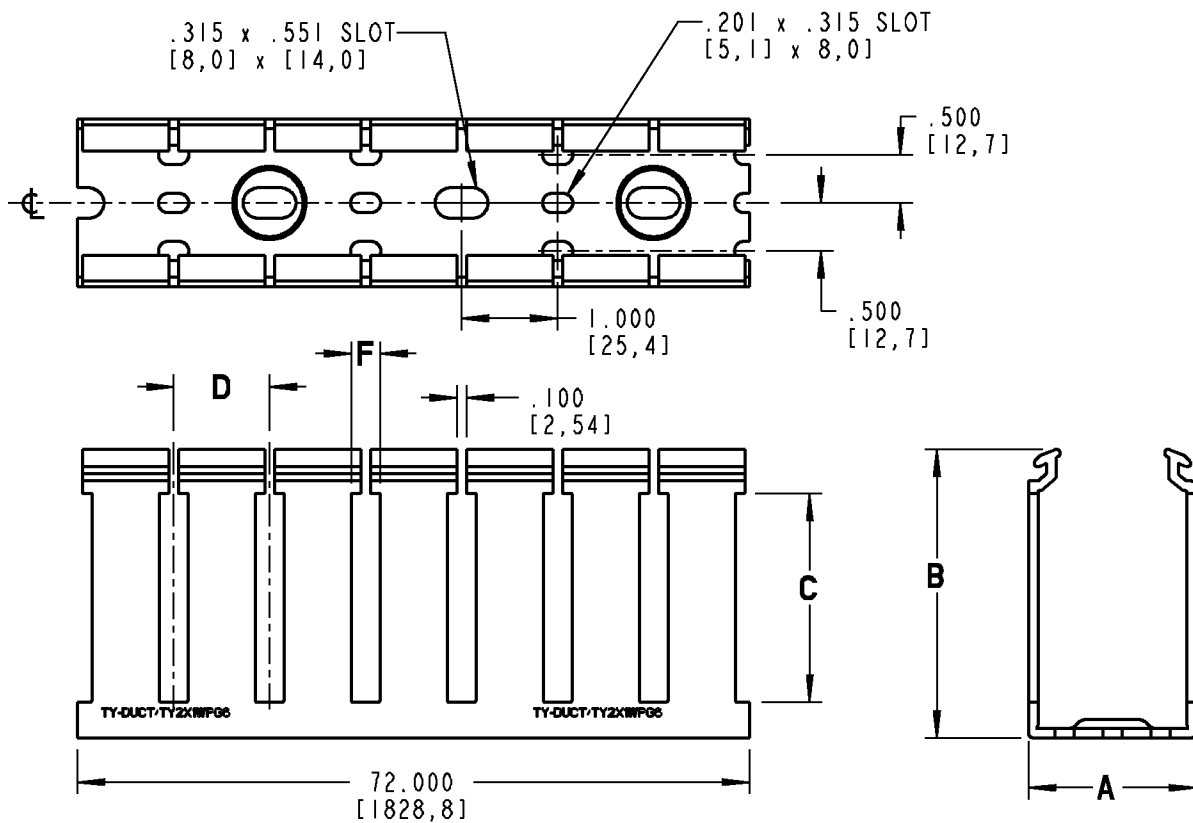
DESCRIPTION:

**WIDE SLOT WIRING DUCT**

SHEET NO:  
3 OF 6

REV. NO:  
2

DRAWING NO:  
**WSD-000180**



| CATALOG NO. | A<br>(WIDTH)  | B<br>(HEIGHT)  | C              | D             | F           | COVER<br>CATALOG NO. |
|-------------|---------------|----------------|----------------|---------------|-------------|----------------------|
| TY2X1WP*6   | 2.250 [57,15] | 1.046 [26,57]  | .430 [10,92]   | .800 [20,32]  | .300 [7,62] | TY2CP*6              |
| TY2X15WP*6  |               | 1.521 [38,63]  | .830 [21,08]   |               |             |                      |
| TY2X2WP*6   |               | 2.034 [51,66]  | 1.249 [31,72]  |               |             |                      |
| TY2X3WP*6   |               | 3.000 [76,2]   | 2.175 [55,25]  | 1.000 [25,4]  |             |                      |
| TY2X4WP*6   |               | 4.332 [110,03] | 3.487 [88,57]  | 1.333 [33,86] |             |                      |
| TY2X5WP*6   |               | 5.020 [127,51] | 4.161 [105,69] | .380 [9,65]   |             |                      |
| TY25X2WP*6  | 2.750 [69,85] | 2.034 [51,66]  | 1.249 [31,72]  | .800 [20,32]  | .300 [7,62] | TY25CP*6             |
| TY25X3WP*6  |               | 3.000 [76,2]   | 2.175 [55,25]  | 1.000 [25,4]  |             |                      |
| TY25X4WP*6  |               | 4.332 [110,03] | 3.487 [88,57]  |               |             |                      |

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**Thomas & Betts**  
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DESCRIPTION:

**WIDE SLOT WIRING DUCT**

SHEET NO:

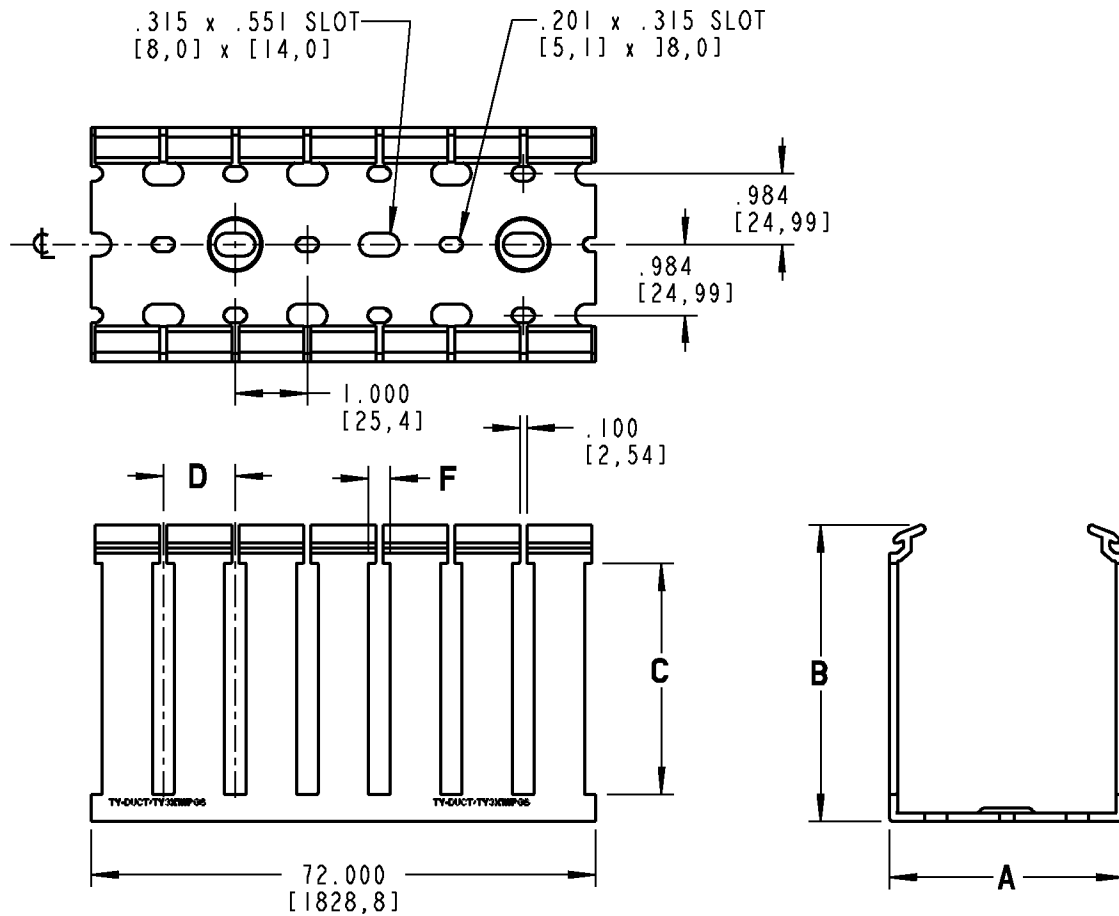
4 OF 6

REV. NO:

2

DRAWING NO:

**WSD-000180**



| CATALOG NO. | A<br>(WIDTH)   | B<br>(HEIGHT)  | C              | D             | F           | COVER<br>CATALOG NO. |
|-------------|----------------|----------------|----------------|---------------|-------------|----------------------|
| TY3X1WP*6   | 3.250 [82,55]  | 1.055 [26,8]   | .430 [10,92]   | .800 [20,32]  | .300 [7,62] | TY3CP*6              |
| TY3X2WP*6   |                | 2.081 [52,86]  | 1.249 [31,72]  |               |             |                      |
| TY3X3WP*6   |                | 3.056 [77,62]  | 2.175 [55,25]  | 1.000 [25,4]  |             |                      |
| TY3X4WP*6   |                | 4.387 [111,43] | 3.487 [88,57]  | 1.333 [33,86] |             |                      |
| TY3X5WP*6   |                | 5.061 [128,55] | 4.161 [105,69] | 1.333 [33,86] |             |                      |
| TY4X15WP*6  | 4.250 [107,95] | 1.567 [39,8]   | .830 [21,08]   | .800 [20,32]  | .300 [7,62] | TY4CP*6              |
| TY4X2WP*6   |                | 2.081 [52,86]  | 1.249 [31,72]  |               |             |                      |
| TY4X3WP*6   |                | 3.056 [77,62]  | 2.175 [55,25]  | 1.000 [25,4]  |             |                      |
| TY4X4WP*6   |                | 4.387 [111,43] | 3.487 [88,57]  | 1.333 [33,86] |             |                      |
| TY4X5WP*6   |                | 5.061 [128,55] | 4.161 [105,69] | 1.333 [33,86] |             |                      |
| TY6X4WP*6   | 6.250 [158,75] | 4.387 [111,43] | 3.487 [88,57]  | .800 [20,32]  | .300 [7,62] | TY6CP*6              |

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**Thomas & Betts**  
www.tnb.com

DESCRIPTION:

**WIDE SLOT WIRING DUCT**

SHEET NO:  
5 OF 6

REV. NO:  
2

DRAWING NO:  
WSD-000180

| NOMINAL DUCT SIZE<br>W H | AREA SQUARE | ELECTRICAL |      |        |      |        |       |        |      |        |     |        |     |        |      |        |       |      |       | DATA CABLE |       |     |       |     |       |              |       |             |
|--------------------------|-------------|------------|------|--------|------|--------|-------|--------|------|--------|-----|--------|-----|--------|------|--------|-------|------|-------|------------|-------|-----|-------|-----|-------|--------------|-------|-------------|
|                          |             | 8 AWG      |      | 10 AWG |      | 12 AWG |       | 14 AWG |      | 16 AWG |     | 18 AWG |     | 22 AWG |      | 24 AWG |       |      |       |            |       |     |       |     |       |              |       |             |
|                          |             | Ø.216      | THHN | Ø.153  | THHN | Ø.122  | Ø.158 | MTW    | THHN | Ø.105  | MTW | Ø.139  | MTW | Ø.165  | THHN | Ø.096  | Ø.125 | THHN | Ø.084 | THHN       | Ø.113 | MTW | Ø.065 | MTW | Ø.217 | UTP/CM CAT5E | Ø.250 | UTP/CM CAT6 |
| .75 x 1.00               | .750        | 5          | 9    | 14     | 9    | 11     | 8     | 23     | 14   | 30     | 17  | 51     | 5   | 3      | 1    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| .75 x 1.50               | 1.125       | 7          | 14   | 22     | 13   | 17     | 12    | 35     | 21   | 46     | 25  | 76     | 7   | 5      | 2    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| .75 x 2.00               | 1.500       | 9          | 18   | 29     | 17   | 22     | 16    | 47     | 27   | 61     | 34  | 101    | 9   | 7      | 2    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 1.00 x 1.00              | 1.000       | 6          | 12   | 19     | 11   | 15     | 10    | 31     | 18   | 40     | 22  | 68     | 6   | 5      | 2    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 1.00 x 1.50              | 1.500       | 9          | 18   | 29     | 17   | 22     | 16    | 47     | 27   | 61     | 34  | 101    | 9   | 7      | 2    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 1.00 x 2.00              | 2.000       | 12         | 24   | 38     | 23   | 30     | 21    | 62     | 37   | 81     | 45  | 135    | 12  | 9      | 3    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 1.00 x 3.00              | 3.000       | 18         | 37   | 58     | 34   | 44     | 31    | 93     | 55   | 121    | 67  | 203    | 18  | 14     | 5    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 1.00 x 4.00              | 4.000       | 24         | 49   | 77     | 46   | 59     | 42    | 124    | 73   | 162    | 90  | 270    | 24  | 18     | 6    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 1.50 x 1.00              | 1.500       | 9          | 18   | 29     | 17   | 22     | 16    | 47     | 27   | 61     | 34  | 101    | 9   | 7      | 2    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 1.50 x 1.50              | 2.250       | 14         | 27   | 43     | 26   | 33     | 24    | 70     | 41   | 91     | 50  | 152    | 14  | 10     | 4    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 1.50 x 2.00              | 3.000       | 18         | 37   | 58     | 34   | 44     | 31    | 93     | 55   | 121    | 67  | 203    | 18  | 14     | 5    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 1.50 x 3.00              | 4.500       | 28         | 55   | 86     | 52   | 67     | 47    | 140    | 82   | 182    | 101 | 304    | 27  | 21     | 7    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 1.50 x 4.00              | 6.000       | 37         | 73   | 115    | 69   | 89     | 63    | 186    | 110  | 243    | 134 | 406    | 36  | 27     | 10   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 2.00 x 1.00              | 2.000       | 12         | 24   | 38     | 23   | 30     | 21    | 62     | 37   | 81     | 45  | 135    | 12  | 9      | 3    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 2.00 x 1.50              | 3.000       | 18         | 37   | 58     | 34   | 44     | 31    | 93     | 55   | 121    | 67  | 203    | 18  | 14     | 5    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 2.00 x 2.00              | 4.000       | 24         | 49   | 77     | 46   | 59     | 42    | 124    | 73   | 162    | 90  | 270    | 24  | 18     | 6    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 2.00 x 3.00              | 6.000       | 37         | 73   | 115    | 69   | 89     | 63    | 186    | 110  | 243    | 134 | 406    | 36  | 27     | 10   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 2.00 x 4.00              | 8.000       | 49         | 98   | 154    | 92   | 118    | 84    | 248    | 146  | 324    | 179 | 541    | 49  | 37     | 13   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 2.00 x 5.00              | 10.000      | 61         | 122  | 192    | 114  | 259    | 105   | 310    | 183  | 405    | 224 | 676    | 61  | 46     | 16   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 2.50 x 2.00              | 5.000       | 31         | 61   | 96     | 57   | 74     | 52    | 155    | 91   | 202    | 112 | 338    | 30  | 23     | 8    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 2.50 x 3.00              | 7.500       | 46         | 92   | 144    | 86   | 111    | 79    | 233    | 137  | 304    | 168 | 507    | 46  | 34     | 12   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 2.50 x 4.00              | 10.000      | 61         | 122  | 192    | 114  | 259    | 105   | 310    | 183  | 405    | 224 | 676    | 61  | 46     | 16   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 3.00 x 1.00              | 3.000       | 18         | 37   | 58     | 34   | 44     | 31    | 93     | 55   | 121    | 67  | 203    | 18  | 14     | 5    |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 3.00 x 2.00              | 6.000       | 37         | 73   | 115    | 69   | 89     | 63    | 186    | 110  | 243    | 134 | 406    | 36  | 27     | 10   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 3.00 x 3.00              | 9.000       | 55         | 110  | 173    | 103  | 133    | 94    | 279    | 165  | 364    | 201 | 609    | 55  | 41     | 14   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 3.00 x 4.00              | 12.000      | 73         | 146  | 230    | 137  | 177    | 126   | 372    | 219  | 486    | 269 | 811    | 73  | 55     | 19   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 3.00 x 5.00              | 15.000      | 92         | 183  | 288    | 172  | 222    | 157   | 465    | 274  | 607    | 336 | 1014   | 91  | 69     | 24   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 4.00 x 1.50              | 6.000       | 37         | 73   | 115    | 69   | 89     | 63    | 186    | 110  | 243    | 134 | 406    | 36  | 27     | 10   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 4.00 x 2.00              | 8.000       | 49         | 98   | 154    | 92   | 118    | 84    | 248    | 146  | 324    | 179 | 541    | 49  | 37     | 13   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 4.00 x 3.00              | 12.000      | 73         | 146  | 230    | 137  | 177    | 126   | 372    | 219  | 486    | 269 | 811    | 73  | 55     | 19   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 4.00 x 4.00              | 16.000      | 98         | 195  | 307    | 183  | 237    | 168   | 496    | 293  | 648    | 358 | 1082   | 97  | 73     | 26   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 4.00 x 5.00              | 20.000      | 122        | 244  | 384    | 229  | 296    | 210   | 620    | 366  | 810    | 448 | 1352   | 121 | 91     | 32   |        |       |      |       |            |       |     |       |     |       |              |       |             |
| 6.00 x 4.00              | 24.000      | 147        | 293  | 461    | 275  | 355    | 252   | 744    | 439  | 972    | 537 | 1623   | 146 | 110    | 39   |        |       |      |       |            |       |     |       |     |       |              |       |             |

NOTE: WIRE FILL IS BASED ON 50% FILL OF DUCT AREA



DESCRIPTION:

**WIDE SLOT WIRING DUCT**

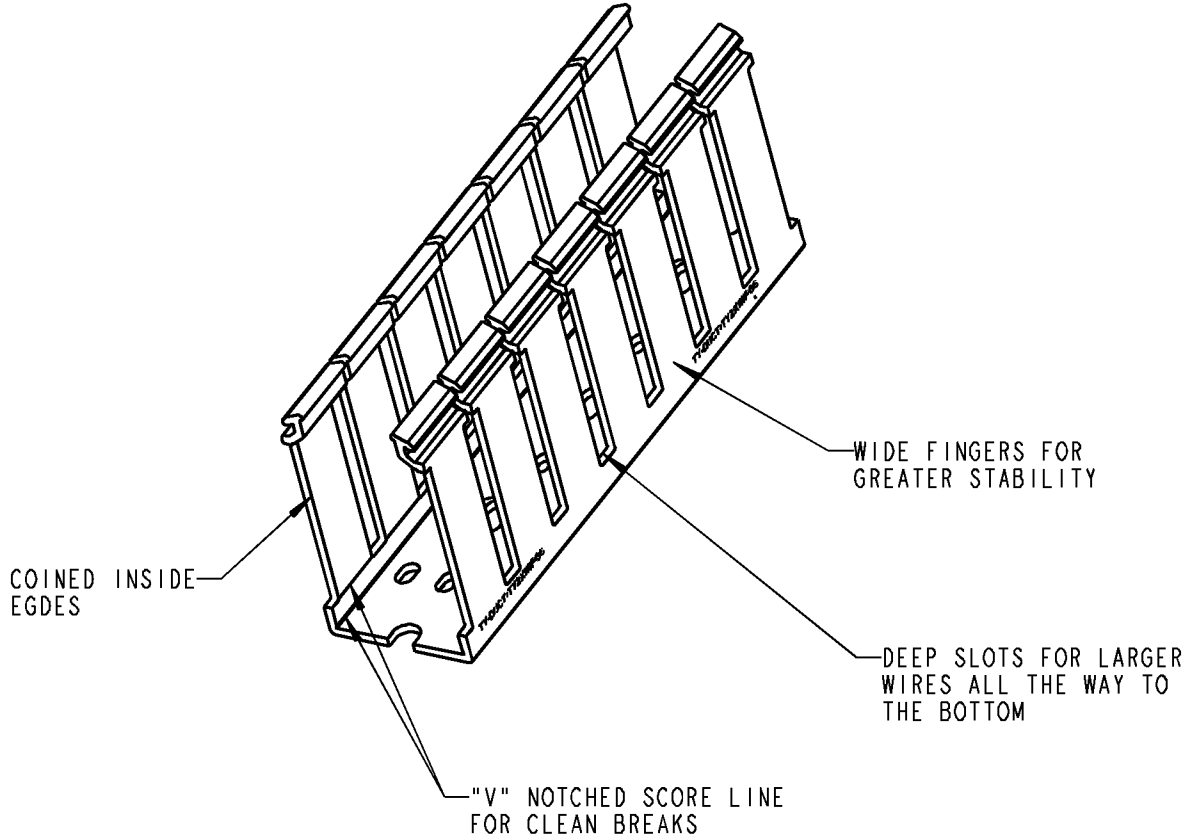
SHEET NO:  
6 OF 6

REV. NO:  
2

DRAWING NO:  
WSD-000180



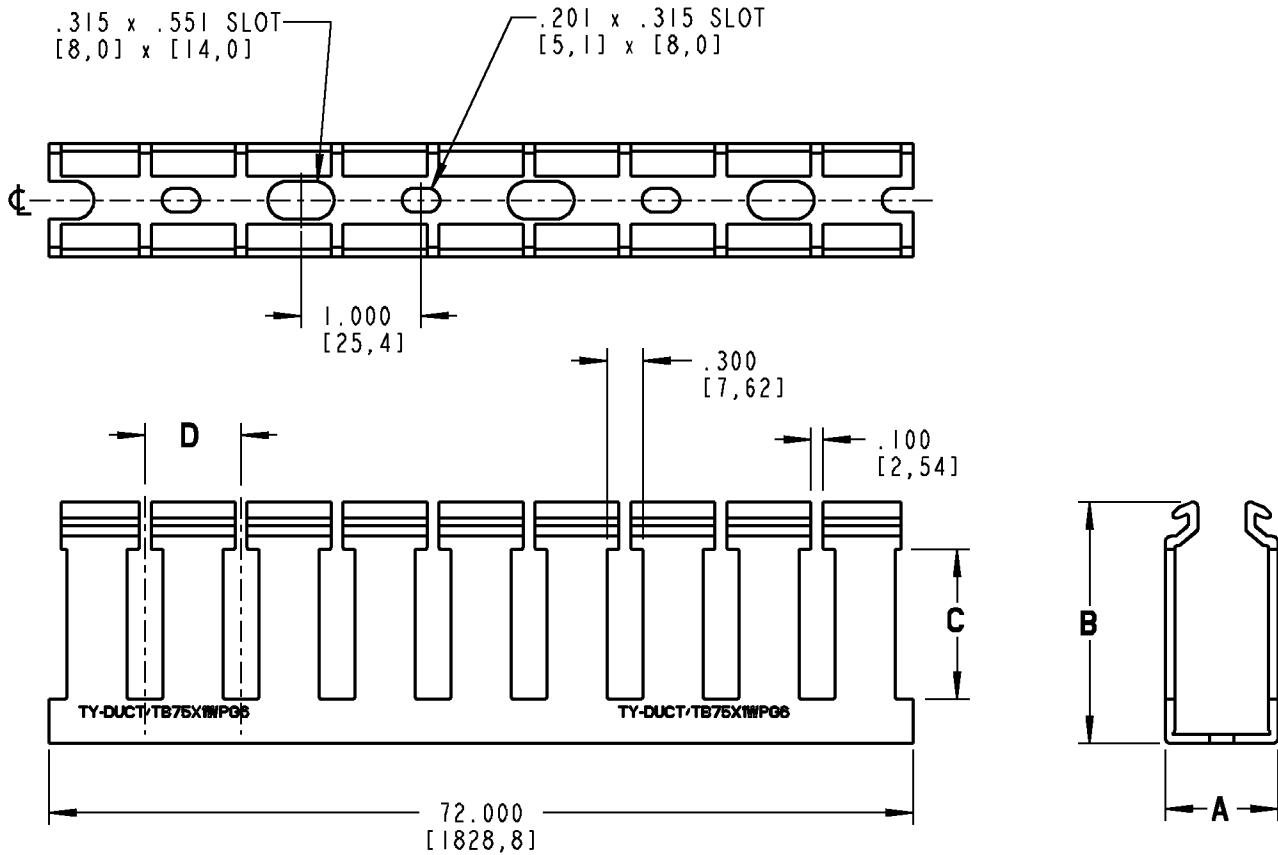
# Ty-Duct™



**NOTES:**

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2. TEMPERATURE RATING: -40°F [-40°C] TO 122°F [50°C]
3. FLAMMABILITY RATING: UL94V-0
4. NORTH AMERICAN AND DIN STYLE MOUNTING HOLES
5. FLUSH MOUNT COVER DESIGN. COVER MOUNTS FLUSH WITH SIDE WALLS

|   |   |  |                            |                      |                                  |
|---|---|--|----------------------------|----------------------|----------------------------------|
| <b>GENERAL NOTES</b>  |   | <b>Thomas &amp; Betts</b><br><small>www.tnb.com</small>          |                            |                      |                                  |
| 1. ALL DIMENSIONS ARE FOR REFERENCE ONLY.<br>2. DIMENSIONS IN BRACKETS [ ] ARE IN METRIC UNITS. |   |  |                            |                      |                                  |
| <b>REVISIONS</b>  |   |  |                            |                      |                                  |
| 2   | SEE ERN 2006994 FOR APPROVAL SIGNATURES & RELEASE DATE. PROJECT NO: FD55400 | ORIGINAL PROJECT NO / ( ERN NO )<br><b>FD55400 / ( 2005724 )</b> | SHEET NO:<br><b>1 OF 6</b> | REV. NO:<br><b>2</b> | DRAWING NO:<br><b>WSD-000180</b> |



| CATALOG NO. | A (WIDTH)     | B (HEIGHT)     | C             | D            | COVER CATALOG NO. |
|-------------|---------------|----------------|---------------|--------------|-------------------|
| TY75X1WP*6  | .940 [23,88]  | 1.025 [26,04]  | .430 [10,92]  | .800 [20,32] | TY75CP*6          |
| TY75X15WP*6 |               | 1.500 [38,1]   | .830 [21,08]  |              |                   |
| TY75X2WP*6  |               | 2.014 [51,16]  | 1.249 [31,72] |              |                   |
| TY1X1WP*6   | 1.250 [31,75] | 1.025 [26,04]  | .430 [10,92]  |              | TY1CP*6           |
| TY1X15WP*6  |               | 1.500 [38,1]   | .830 [21,08]  |              |                   |
| TY1X2WP*6   |               | 2.014 [51,16]  | 1.249 [31,72] |              |                   |
| TY1X3WP*6   |               | 3.000 [76,2]   | 2.175 [55,25] | 1.000 [25,4] |                   |
| TY1X4WP*6   |               | 4.317 [109,65] | 3.487 [88,57] | 1.000 [25,4] |                   |

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**Thomas & Betts**  
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DESCRIPTION:

**WIDE SLOT WIRING DUCT**

SHEET NO:

2 OF 6

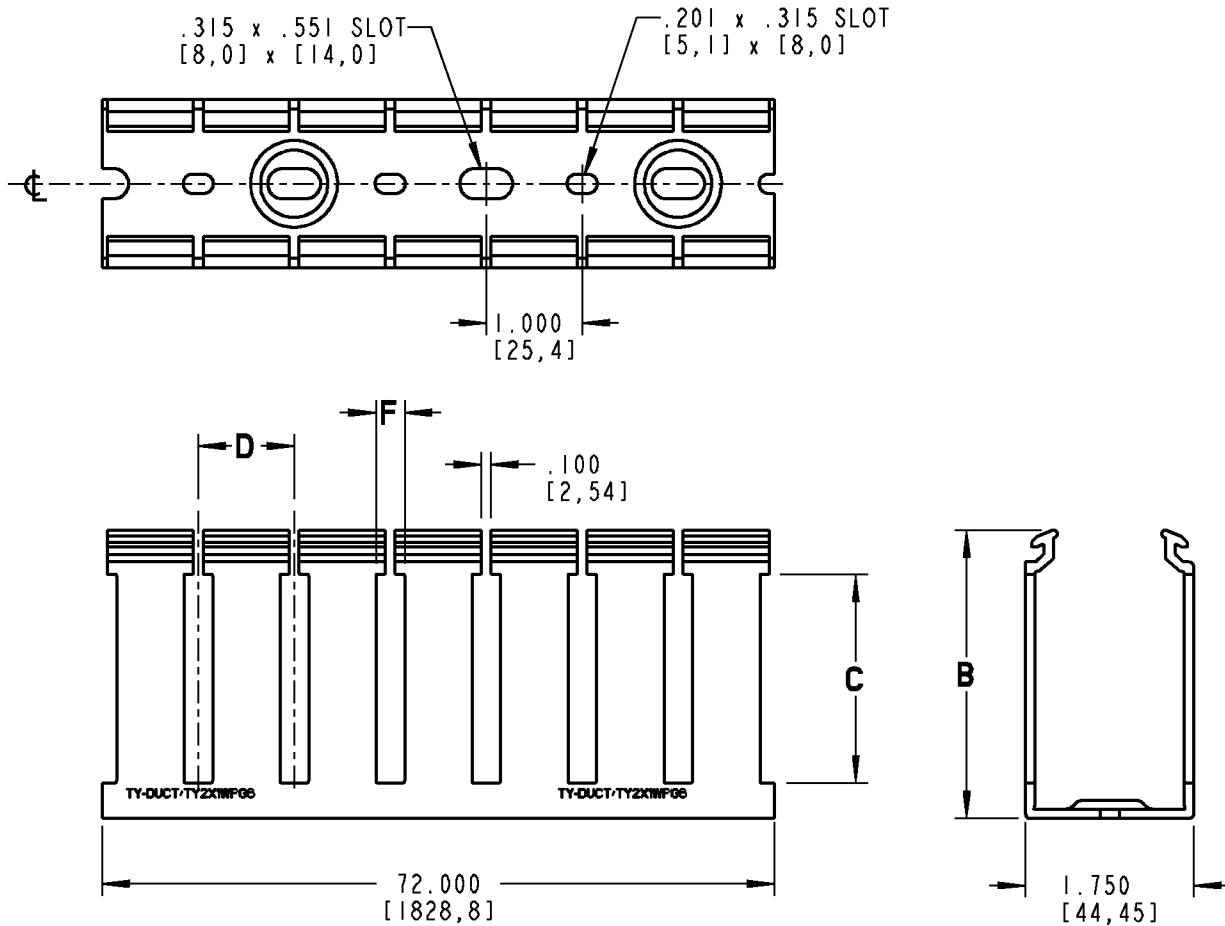
REV. NO:

2

DRAWING NO:

**WSD-000180**





| CATALOG NO. | B<br>(HEIGHT)  | C             | D            | F           | COVER<br>CATALOG NO. |
|-------------|----------------|---------------|--------------|-------------|----------------------|
| TY15X1WP*6  | 1.025 [26,04]  | .430 [10,92]  | .800 [20,32] | .300 [7,62] | TY15CP*6             |
| TY15X15WP*6 | 1.500 [38,1]   | .830 [21,08]  |              |             |                      |
| TY15X2WP*6  | 2.014 [51,16]  | 1.249 [31,72] |              |             |                      |
| TY15X3WP*6  | 3.000 [76,2]   | 2.175 [55,25] |              |             |                      |
| TY15X4WP*6  | 4.317 [109,65] | 3.487 [88,57] |              |             |                      |

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**Thomas & Betts**  
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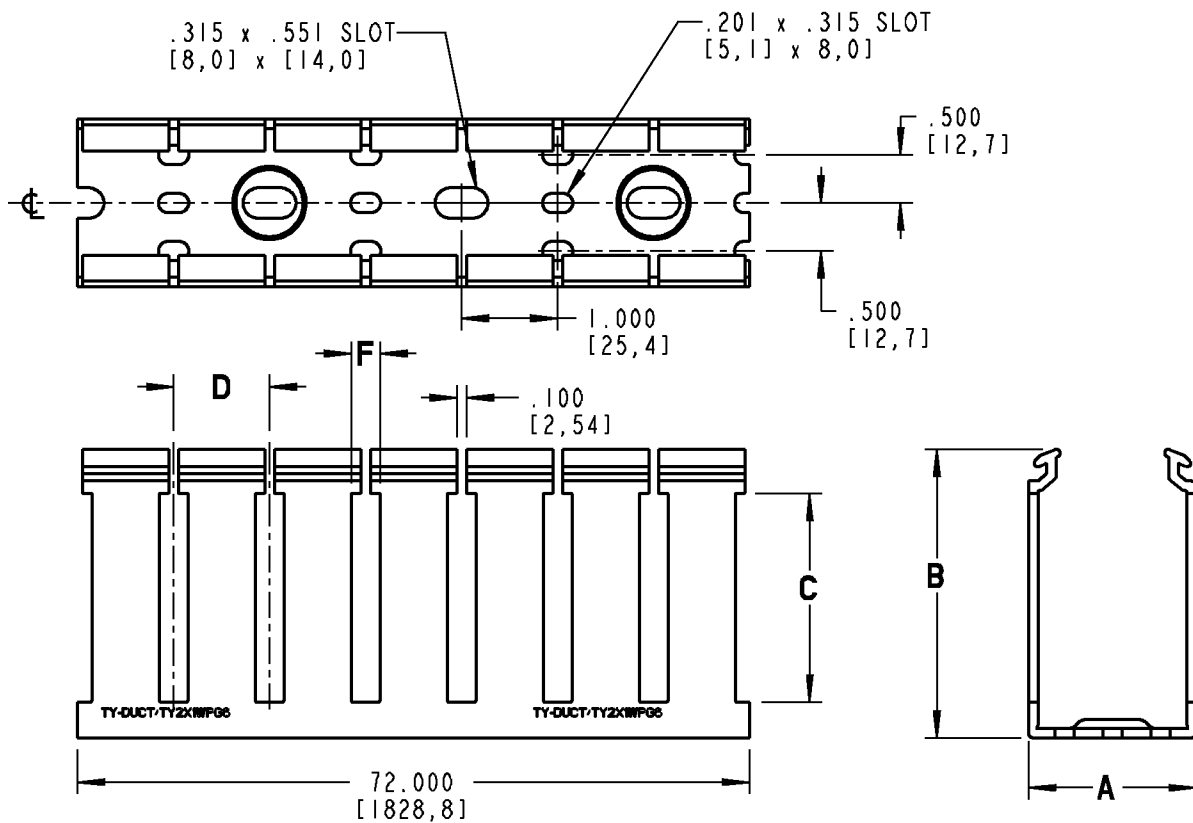
DESCRIPTION:

**WIDE SLOT WIRING DUCT**

SHEET NO:  
3 OF 6

REV. NO:  
2

DRAWING NO:  
**WSD-000180**



| CATALOG NO. | A<br>(WIDTH)  | B<br>(HEIGHT)  | C              | D             | F           | COVER<br>CATALOG NO. |
|-------------|---------------|----------------|----------------|---------------|-------------|----------------------|
| TY2X1WP*6   | 2.250 [57,15] | 1.046 [26,57]  | .430 [10,92]   | .800 [20,32]  | .300 [7,62] | TY2CP*6              |
| TY2X15WP*6  |               | 1.521 [38,63]  | .830 [21,08]   |               |             |                      |
| TY2X2WP*6   |               | 2.034 [51,66]  | 1.249 [31,72]  |               |             |                      |
| TY2X3WP*6   |               | 3.000 [76,2]   | 2.175 [55,25]  | 1.000 [25,4]  |             |                      |
| TY2X4WP*6   |               | 4.332 [110,03] | 3.487 [88,57]  | 1.333 [33,86] |             |                      |
| TY2X5WP*6   |               | 5.020 [127,51] | 4.161 [105,69] | .380 [9,65]   |             |                      |
| TY25X2WP*6  | 2.750 [69,85] | 2.034 [51,66]  | 1.249 [31,72]  | .800 [20,32]  | .300 [7,62] | TY25CP*6             |
| TY25X3WP*6  |               | 3.000 [76,2]   | 2.175 [55,25]  | 1.000 [25,4]  |             |                      |
| TY25X4WP*6  |               | 4.332 [110,03] | 3.487 [88,57]  |               |             |                      |

\* = COLOR CODE

B = BLACK    G = GRAY    I = INTRINSIC BLUE    W = WHITE

**Thomas & Betts**  
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DESCRIPTION:

**WIDE SLOT WIRING DUCT**

SHEET NO:

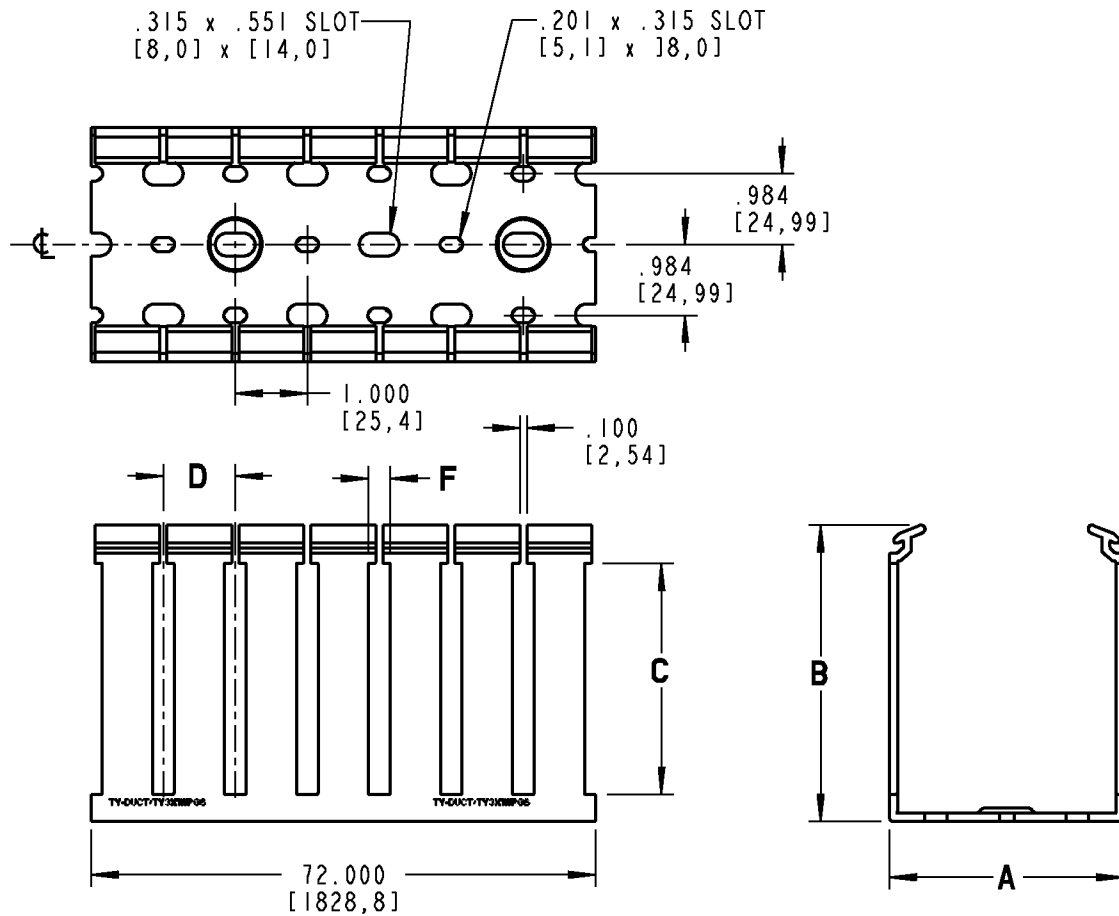
4 OF 6

REV. NO:

2

DRAWING NO:

**WSD-000180**



| CATALOG NO. | A<br>(WIDTH)   | B<br>(HEIGHT)  | C              | D             | F           | COVER<br>CATALOG NO. |
|-------------|----------------|----------------|----------------|---------------|-------------|----------------------|
| TY3X1WP*6   | 3.250 [82,55]  | 1.055 [26,8]   | .430 [10,92]   | .800 [20,32]  | .300 [7,62] | TY3CP*6              |
| TY3X2WP*6   |                | 2.081 [52,86]  | 1.249 [31,72]  |               |             |                      |
| TY3X3WP*6   |                | 3.056 [77,62]  | 2.175 [55,25]  | 1.000 [25,4]  |             |                      |
| TY3X4WP*6   |                | 4.387 [111,43] | 3.487 [88,57]  |               |             |                      |
| TY3X5WP*6   |                | 5.061 [128,55] | 4.161 [105,69] | 1.333 [33,86] |             |                      |
| TY4X15WP*6  | 4.250 [107,95] | 1.567 [39,8]   | .830 [21,08]   | .800 [20,32]  | .300 [7,62] | TY4CP*6              |
| TY4X2WP*6   |                | 2.081 [52,86]  | 1.249 [31,72]  |               |             |                      |
| TY4X3WP*6   |                | 3.056 [77,62]  | 2.175 [55,25]  | 1.000 [25,4]  |             |                      |
| TY4X4WP*6   |                | 4.387 [111,43] | 3.487 [88,57]  |               |             |                      |
| TY4X5WP*6   |                | 5.061 [128,55] | 4.161 [105,69] | 1.333 [33,86] |             |                      |
| TY6X4WP*6   | 6.250 [158,75] | 4.387 [111,43] | 3.487 [88,57]  | .800 [20,32]  | .300 [7,62] | TY6CP*6              |

\* = COLOR CODE

B = BLACK    G = GRAY    I = INTRINSIC BLUE    W = WHITE

**Thomas & Betts**  
www.tnb.com

DESCRIPTION:

**WIDE SLOT WIRING DUCT**

SHEET NO:

5 OF 6

REV. NO:

2

DRAWING NO:

**WSD-000180**

| NOMINAL DUCT SIZE<br>W H | AREA SQUARE | ELECTRICAL |      |        |      |        |       |        |      |        |       |        |      |        |       |        |      |       |     | DATA CABLE |       |              |             |       |             |
|--------------------------|-------------|------------|------|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|-------|-----|------------|-------|--------------|-------------|-------|-------------|
|                          |             | 8 AWG      |      | 10 AWG |      | 12 AWG |       | 14 AWG |      | 16 AWG |       | 18 AWG |      | 22 AWG |       | 24 AWG |      |       |     |            |       |              |             |       |             |
|                          |             | Ø.216      | THHN | Ø.153  | THHN | Ø.122  | Ø.158 | MTW    | THHN | Ø.105  | Ø.139 | Ø.165  | THHN | Ø.096  | Ø.125 | Ø.084  | THHN | Ø.113 | MTW | Ø.065      | Ø.217 | UTP/CM CAT5E | UTP/CM CAT6 | Ø.250 | UTP/CM CAT6 |
| .75 x 1.00               | .750        | 5          | 9    | 14     | 9    | 11     | 8     | 23     | 14   | 30     | 17    | 51     | 5    | 3      | 1     |        |      |       |     |            |       |              |             |       |             |
| .75 x 1.50               | 1.125       | 7          | 14   | 22     | 13   | 17     | 12    | 35     | 21   | 46     | 25    | 76     | 7    | 5      | 2     |        |      |       |     |            |       |              |             |       |             |
| .75 x 2.00               | 1.500       | 9          | 18   | 29     | 17   | 22     | 16    | 47     | 27   | 61     | 34    | 101    | 9    | 7      | 2     |        |      |       |     |            |       |              |             |       |             |
| 1.00 x 1.00              | 1.000       | 6          | 12   | 19     | 11   | 15     | 10    | 31     | 18   | 40     | 22    | 68     | 6    | 5      | 2     |        |      |       |     |            |       |              |             |       |             |
| 1.00 x 1.50              | 1.500       | 9          | 18   | 29     | 17   | 22     | 16    | 47     | 27   | 61     | 34    | 101    | 9    | 7      | 2     |        |      |       |     |            |       |              |             |       |             |
| 1.00 x 2.00              | 2.000       | 12         | 24   | 38     | 23   | 30     | 21    | 62     | 37   | 81     | 45    | 135    | 12   | 9      | 3     |        |      |       |     |            |       |              |             |       |             |
| 1.00 x 3.00              | 3.000       | 18         | 37   | 58     | 34   | 44     | 31    | 93     | 55   | 121    | 67    | 203    | 18   | 14     | 5     |        |      |       |     |            |       |              |             |       |             |
| 1.00 x 4.00              | 4.000       | 24         | 49   | 77     | 46   | 59     | 42    | 124    | 73   | 162    | 90    | 270    | 24   | 18     | 6     |        |      |       |     |            |       |              |             |       |             |
| 1.50 x 1.00              | 1.500       | 9          | 18   | 29     | 17   | 22     | 16    | 47     | 27   | 61     | 34    | 101    | 9    | 7      | 2     |        |      |       |     |            |       |              |             |       |             |
| 1.50 x 1.50              | 2.250       | 14         | 27   | 43     | 26   | 33     | 24    | 70     | 41   | 91     | 50    | 152    | 14   | 10     | 4     |        |      |       |     |            |       |              |             |       |             |
| 1.50 x 2.00              | 3.000       | 18         | 37   | 58     | 34   | 44     | 31    | 93     | 55   | 121    | 67    | 203    | 18   | 14     | 5     |        |      |       |     |            |       |              |             |       |             |
| 1.50 x 3.00              | 4.500       | 28         | 55   | 86     | 52   | 67     | 47    | 140    | 82   | 182    | 101   | 304    | 27   | 21     | 7     |        |      |       |     |            |       |              |             |       |             |
| 1.50 x 4.00              | 6.000       | 37         | 73   | 115    | 69   | 89     | 63    | 186    | 110  | 243    | 134   | 406    | 36   | 27     | 10    |        |      |       |     |            |       |              |             |       |             |
| 2.00 x 1.00              | 2.000       | 12         | 24   | 38     | 23   | 30     | 21    | 62     | 37   | 81     | 45    | 135    | 12   | 9      | 3     |        |      |       |     |            |       |              |             |       |             |
| 2.00 x 1.50              | 3.000       | 18         | 37   | 58     | 34   | 44     | 31    | 93     | 55   | 121    | 67    | 203    | 18   | 14     | 5     |        |      |       |     |            |       |              |             |       |             |
| 2.00 x 2.00              | 4.000       | 24         | 49   | 77     | 46   | 59     | 42    | 124    | 73   | 162    | 90    | 270    | 24   | 18     | 6     |        |      |       |     |            |       |              |             |       |             |
| 2.00 x 3.00              | 6.000       | 37         | 73   | 115    | 69   | 89     | 63    | 186    | 110  | 243    | 134   | 406    | 36   | 27     | 10    |        |      |       |     |            |       |              |             |       |             |
| 2.00 x 4.00              | 8.000       | 49         | 98   | 154    | 92   | 118    | 84    | 248    | 146  | 324    | 179   | 541    | 49   | 37     | 13    |        |      |       |     |            |       |              |             |       |             |
| 2.00 x 5.00              | 10.000      | 61         | 122  | 192    | 114  | 259    | 105   | 310    | 183  | 405    | 224   | 676    | 61   | 46     | 16    |        |      |       |     |            |       |              |             |       |             |
| 2.50 x 2.00              | 5.000       | 31         | 61   | 96     | 57   | 74     | 52    | 155    | 91   | 202    | 112   | 338    | 30   | 23     | 8     |        |      |       |     |            |       |              |             |       |             |
| 2.50 x 3.00              | 7.500       | 46         | 92   | 144    | 86   | 111    | 79    | 233    | 137  | 304    | 168   | 507    | 46   | 34     | 12    |        |      |       |     |            |       |              |             |       |             |
| 2.50 x 4.00              | 10.000      | 61         | 122  | 192    | 114  | 259    | 105   | 310    | 183  | 405    | 224   | 676    | 61   | 46     | 16    |        |      |       |     |            |       |              |             |       |             |
| 3.00 x 1.00              | 3.000       | 18         | 37   | 58     | 34   | 44     | 31    | 93     | 55   | 121    | 67    | 203    | 18   | 14     | 5     |        |      |       |     |            |       |              |             |       |             |
| 3.00 x 2.00              | 6.000       | 37         | 73   | 115    | 69   | 89     | 63    | 186    | 110  | 243    | 134   | 406    | 36   | 27     | 10    |        |      |       |     |            |       |              |             |       |             |
| 3.00 x 3.00              | 9.000       | 55         | 110  | 173    | 103  | 133    | 94    | 279    | 165  | 364    | 201   | 609    | 55   | 41     | 14    |        |      |       |     |            |       |              |             |       |             |
| 3.00 x 4.00              | 12.000      | 73         | 146  | 230    | 137  | 177    | 126   | 372    | 219  | 486    | 269   | 811    | 73   | 55     | 19    |        |      |       |     |            |       |              |             |       |             |
| 3.00 x 5.00              | 15.000      | 92         | 183  | 288    | 172  | 222    | 157   | 465    | 274  | 607    | 336   | 1014   | 91   | 69     | 24    |        |      |       |     |            |       |              |             |       |             |
| 4.00 x 1.50              | 6.000       | 37         | 73   | 115    | 69   | 89     | 63    | 186    | 110  | 243    | 134   | 406    | 36   | 27     | 10    |        |      |       |     |            |       |              |             |       |             |
| 4.00 x 2.00              | 8.000       | 49         | 98   | 154    | 92   | 118    | 84    | 248    | 146  | 324    | 179   | 541    | 49   | 37     | 13    |        |      |       |     |            |       |              |             |       |             |
| 4.00 x 3.00              | 12.000      | 73         | 146  | 230    | 137  | 177    | 126   | 372    | 219  | 486    | 269   | 811    | 73   | 55     | 19    |        |      |       |     |            |       |              |             |       |             |
| 4.00 x 4.00              | 16.000      | 98         | 195  | 307    | 183  | 237    | 168   | 496    | 293  | 648    | 358   | 1082   | 97   | 73     | 26    |        |      |       |     |            |       |              |             |       |             |
| 4.00 x 5.00              | 20.000      | 122        | 244  | 384    | 229  | 296    | 210   | 620    | 366  | 810    | 448   | 1352   | 121  | 91     | 32    |        |      |       |     |            |       |              |             |       |             |
| 6.00 x 4.00              | 24.000      | 147        | 293  | 461    | 275  | 355    | 252   | 744    | 439  | 972    | 537   | 1623   | 146  | 110    | 39    |        |      |       |     |            |       |              |             |       |             |

NOTE: WIRE FILL IS BASED ON 50% FILL OF DUCT AREA



DESCRIPTION:

**WIDE SLOT WIRING DUCT**

SHEET NO:  
6 OF 6

REV. NO:  
2

DRAWING NO:  
WSD-000180