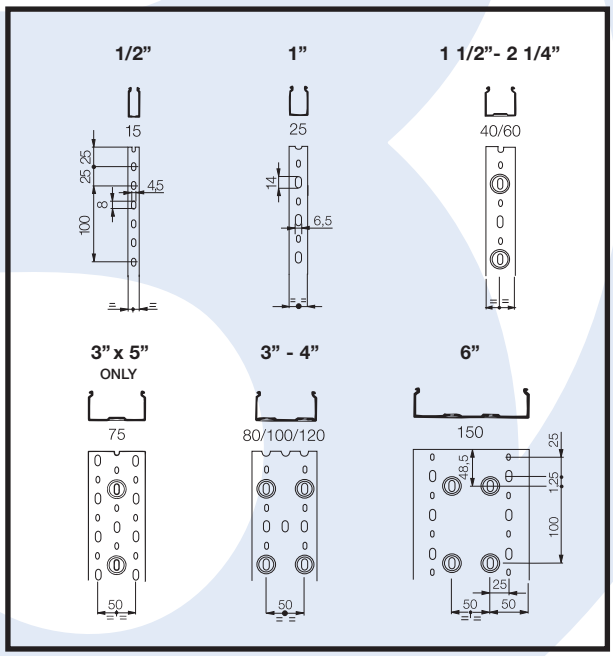
# Wire Fill Capacity T1/T1-E/T1H/T1EH

## T1/T1-E

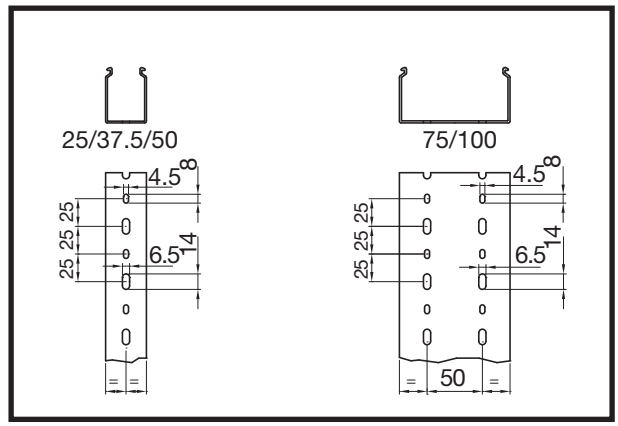
| Nominal Duct Size | 12 AWG | 14 AWG | | 16 AWG | 18 AWG | 22 AWG |
|---|---|---|---|---|---|---|
| | INSULATION THICKNESS | | | | | |
| | 1/32 OD-.158 | 3/64 OD-.165 | 1/32 OD-.139 | 1/32 OD-.125 | 1/32 OD-.113 | 1/64 OD-.065 |
| ½x⅝ | 7 | 6 | 9 | 11 | 14 | 43 |
| ½x1 | 12 | 11 | 16 | 20 | 24 | 74 |
| ½x2¼ | 25 | 23 | 33 | 40 | 50 | 150 |
| 1x1 | 22 | 21 | 29 | 36 | 44 | 134 |
| 1x1½ | 31 | 28 | 39 | 48 | 59 | 180 |
| 1x2¼ | 45 | 40 | 57 | 71 | 85 | 261 |
| 1x3 | 59 | 53 | 75 | 92 | 113 | 341 |
| 1x4 | 72 | 66 | 93 | 115 | 141 | 426 |
| 1½x1½ | 51 | 46 | 65 | 81 | 99 | 299 |
| 1½x2¼ | 77 | 70 | 98 | 121 | 148 | 449 |
| 1½x3 | 102 | 92 | 130 | 160 | 196 | 593 |
| 1½x4 | 125 | 113 | 159 | 197 | 241 | 729 |
| 2¼x1½ | 78 | 70 | 99 | 123 | 150 | 453 |
| 2¼x2¼ | 114 | 103 | 146 | 180 | 221 | 667 |
| 2¼x3 | 156 | 141 | 199 | 246 | 302 | 912 |
| 2¼x4 | 194 | 176 | 247 | 306 | 375 | 1132 |
| 3x1½ | 105 | 95 | 134 | 165 | 203 | 612 |
| 3x2¼ | 159 | 144 | 203 | 251 | 307 | 928 |
| 3x3 | 214 | 193 | 272 | 337 | 412 | 1246 |
| 3x4 | 267 | 242 | 341 | 421 | 515 | 1558 |
| 3x5 | 309 | 283 | 399 | 493 | 604 | 1826 |
| 4x1½ | 132 | 120 | 169 | 208 | 255 | 771 |
| 4x2¼ | 201 | 182 | 256 | 316 | 387 | 1171 |
| 4x3 | 270 | 244 | 344 | 425 | 520 | 1573 |
| 4x4 | 336 | 305 | 429 | 531 | 650 | 1963 |
| 4x5 | 415 | 381 | 536 | 663 | 812 | 2455 |
| 6x4 | 512 | 464 | 653 | 807 | 988 | 2987 |

Recommended Maximum Number of Wires To Be Used per Wiring Duct (MTW)
BASED ON 60% FILL CAPACITY




## T1H/T1EH

| Nominal Duct Size | 12 AWG | 14 AWG | | 16 AWG | 18 AWG | 22 AWG |
|---|---|---|---|---|---|---|
| | INSULATION THICKNESS | | | | | |
| | 1/32 OD-.158 | 3/64 OD-.165 | 1/32 OD-.139 | 1/32 OD-.125 | 1/32 OD-.113 | 1/64 OD-.065 |
| 1x1½ | 34 | 32 | 45 | 56 | 68 | 206 |
| 1x2 | 46 | 43 | 60 | 74 | 91 | 275 |
| 1x3 | 69 | 64 | 90 | 111 | 136 | 412 |
| 1½x1½ | 52 | 48 | 68 | 84 | 102 | 310 |
| 1½x2 | 69 | 64 | 90 | 111 | 136 | 412 |
| 1½x3 | 104 | 96 | 135 | 167 | 205 | 619 |
| 2x2 | 93 | 85 | 120 | 149 | 182 | 550 |
| 2x3 | 139 | 128 | 180 | 223 | 273 | 826 |
| 2x4 | 186 | 171 | 241 | 298 | 364 | 1101 |
| 3x2 | 139 | 128 | 180 | 223 | 273 | 826 |
| 3x3 | 209 | 192 | 271 | 335 | 409 | 1238 |
| 3x4 | 279 | 256 | 361 | 446 | 546 | 1651 |
| 4x2 | 186 | 171 | 241 | 298 | 364 | 1101 |
| 4x3 | 279 | 256 | 361 | 446 | 546 | 1651 |
| 4x4 | 372 | 342 | 481 | 595 | 728 | 2202 |




Duct-System Base Perforation According to DIN 43659 and to DIN VDE 0660 TEIL 506

The base perforation of the wiring duct series T1, T1E, T1H and T1EH allows mounting on the panel with DUCTFIX R6 or R4.

The recess bosses in the base of duct series T1, T1E permit rapid mounting of components CL, ZP2 and SEP-E inside the wiring duct.

All dimensions shown are in millimeters. For conversion to inches see below.
(25.4 millimeters = 1 inch)

| millimeters = | Inches | millimeters = | Inches |
|---|---|---|---|
| 4.5 | .177 | 50 | 1.969 |
| 6.5 | .256 | 60 | 2.363 |
| 8 | .315 | 80 | 3.150 |
| 14 | .551 | 100 | 3.937 |
| 15 | .591 | | |
| 25 | .984 | | |
| 40 | 1.575 | | |