

Passthrough and Grounding

Table 24.11: Screw Type Passthrough Blocks

| Description | Maximum Voltage | Maximum Current [12] | Block | | | End Barrier [13] | | |
|--|-----------------|----------------------|---|----------------|----------------|--------------------------------|----------------|----------------|
| | | | Color | Catalog Number | Std. Pack [14] | Color | Catalog Number | Std. Pack [14] |
|  5.2 mm (0.21 in.) wide Two Terminals Solid or Stranded Copper Wire 26–12 AWG | 600 V | 20 A | Grey | NSYTRV22 | 50 | Grey | NSYTRAC22 | 50 |
| | | | Blue | NSYTRV22BL | | Blue | NSYTRAC22BL | |
| | | | Orange | NSYTRV22AR | | Grey | NSYTRAC22 | |
| | | | Red | NSYTRV22RD | | Grey | NSYTRAC22 | |
| | | | White | NSYTRV22WH | | Grey | NSYTRAC22 | |
|  6.2 mm (0.24 in.) wide Two Terminals Solid or Stranded Copper Wire 26–10 AWG | 600 V | 00 A | Grey | NSYTRV42 | 50 | Grey | NSYTRAC22 | 50 |
| | | | Blue | NSYTRV42BL | | Blue | NSYTRAC22BL | |
| | | | Orange | NSYTRV42AR | | Grey | NSYTRAC22 | |
| | | | Red | NSYTRV42RD | | Grey | NSYTRAC22 | |
| | | | Green | NSYTRV42GN | | Grey | NSYTRAC22 | |
| | | | White | NSYTRV42WH | | Grey | NSYTRAC22 | |
| | | | Black | NSYTRV42BK | | Grey | NSYTRAC22 | |
| | | | Brown | NSYTRV42BR | | Grey | NSYTRAC22 | |
| | | | Yellow | NSYTRV42YE | | Grey | NSYTRAC22 | |
| | | |  8.2 mm (0.32 in.) wide Two Terminals Solid or Stranded Copper Wire 24–8 AWG | 600 V | | 50 A | Grey | |
| Blue | NSYTRV62BL | Blue | | | NSYTRAC22BL | | | |
|  10.2 mm (0.40 in.) wide Two Terminals Solid or Stranded Copper Wire 20–6 AWG | 600 V | 65 A | Grey | NSYTRV102 | 50 | Grey | NSYTRAC22 | 50 |
| | | | Blue | NSYTRV102BL | | Blue | NSYTRAC22BL | |
|  12.2 mm (0.48 in.) wide Two Terminals Solid or Stranded Copper Wire 16–4 AWG | 600 V | 85 A | Grey | NSYTRV162 | 50 | Grey | NSYTRAC162 | 50 |
| | | | Blue | NSYTRV162BL | | Grey | NSYTRAC162 | |
|  16 mm (0.63 in.) wide Two Terminals Solid or Stranded Copper Wire 14–1/0 AWG | 600 V | 150 A | Grey | NSYTRV352 | 50 | Not required for these blocks. | | |
| | | | Blue | NSYTRV352BL | | | | |
|  20 mm (0.79 in.) wide Two Terminals Solid or Stranded Copper Wire 6–1/0 AWG | 600 V | 150 A | Grey | NSYTRV502 | 50 | Not required for these blocks. | | |
| | | | Blue | NSYTRV502BL | | | | |

NOTE: For a complete listing of these products, see catalog 9080CT1301.



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RoHS Compliant

For track and accessories, see page 24-18.

[12] These maximum current values assume the use of insulated copper conductors with 167 °F (75 °C) temperature rating and are calculated based on NEC Article 310, Table 310-16. In most cases this value is the maximum ampacity of the wire which has the greatest current carrying capacity. The actual allowable current for a particular application depends on the size, insulation class, and other characteristics of the wire used. The UL ratings are shown. The CSA rating may be higher or lower. Refer to the catalog for CSA ratings.

[13] One end-barrier is required for each assembly of like blocks.

[14] Orders must specify the standard package quantity (Std. Pack) or multiples of that quantity.