

## SPLITTER TROUGH, TYPE 1



### INDUSTRY STANDARDS

CSA C22.2 No. 76, File No. 42184: Type 1  
NEMA/EEMAC Type 1  
IEC 60529, IP30

### APPLICATION

With pre-installed terminal blocks for three- and four-wire power distribution systems, this trough splits feeder circuit conductors into multiple branch circuit conductors.

### FEATURES

- Various size knockouts on each side
- Hinged covers
- Mounting holes in back
- Includes single-point ground lug
- Ground Splitter (ground bar) accessory available

### SPECIFICATIONS

- 16 or 14 gauge steel

### Knockout Size and Spacing

| Amps Rating | Qty. | End Knockout Size | Spacing (in.) | Spacing (mm) | Side Knockout Size and Position     | Spacing (in.) | Spacing (mm) |
|-------------|------|-------------------|---------------|--------------|-------------------------------------|---------------|--------------|
| 85          | 2    | 1-3/4 - 2         | 2.75          | 70           | Alternating 1/2 - 3/4 and 1 - 1-3/4 | 4.50          | 114          |
| 125         | 2    | 1-3/4 - 2         | 2.75          | 70           | Alternating 1/2 - 3/4 and 1 - 1-3/4 | 4.50          | 114          |
| 225         | 2    | 2-1/2 - 3         | 4.06          | 103          | Alternating 1/2 - 3/4 and 1 - 1-3/4 | 4.50          | 114          |
| 400         | 2    | 3 - 3-1/2         | 4.91          | 125          | Alternating 1/2 - 3/4 and 1 - 1-3/4 | 4.50          | 114          |
| 600         | 2    | 3 - 3-1/2         | 4.91          | 125          | Alternating 1/2 - 3/4 and 1 - 1-3/4 | 4.50          | 114          |

### FINISH

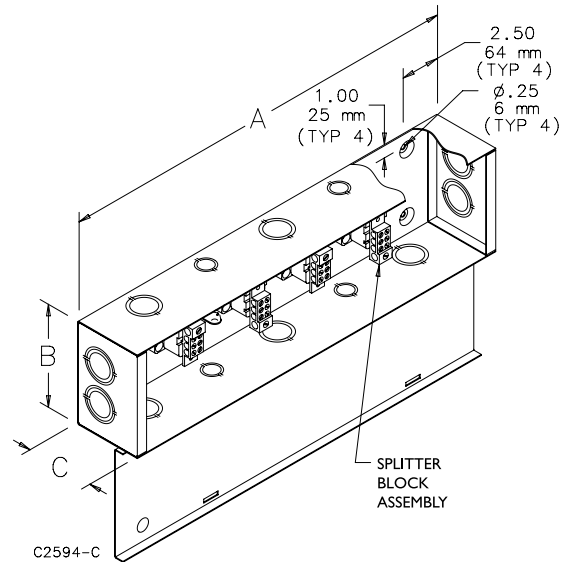
ANSI 61 gray polyester powder paint finish inside and out

### ACCESSORIES

*See also Accessories.*

Ground Bar Kit  
Splitter Block Assemblies  
Touch-Up Paint

**BULLETIN: S90T**



Standard Product **Type 1 Splitter Trough**

| Catalog Number | in.                  | mm               | Number of Wires | Main Lugs<br>Amps CU | Main Lugs<br>Wire Size Range | Main<br>Lugs Qty. | Branch Lugs<br>Amps CU | Branch Lugs<br>Wire Size Range | Branch<br>Lugs Qty.  |
|----------------|----------------------|------------------|-----------------|----------------------|------------------------------|-------------------|------------------------|--------------------------------|----------------------|
| AST283R        | 24.00 x 6.00 x 4.50  | 610 x 152 x 114  | 3               | 85                   | 14-1                         | 1                 | 55                     | 14-6                           | 6                    |
| AST284R        | 24.00 x 6.00 x 4.50  | 610 x 152 x 114  | 4               | 85                   | 14-1                         | 1                 | 55                     | 14-6                           | 6                    |
| AST383R        | 36.00 x 6.00 x 4.50  | 914 x 152 x 114  | 3               | 85                   | 14-1                         | 1                 | 55                     | 14-6                           | 6                    |
| AST384R        | 36.00 x 6.00 x 4.50  | 914 x 152 x 114  | 4               | 85                   | 14-1                         | 1                 | 55                     | 14-6                           | 6                    |
| AST483R        | 48.00 x 6.00 x 4.50  | 1219 x 152 x 114 | 3               | 85                   | 14-1                         | 1                 | 55                     | 14-6                           | 6                    |
| AST484R        | 48.00 x 6.00 x 4.50  | 1219 x 152 x 114 | 4               | 85                   | 14-1                         | 1                 | 55                     | 14-6                           | 6                    |
| AST2123R       | 24.00 x 6.00 x 4.50  | 610 x 152 x 114  | 3               | 125                  | 14-1/0                       | 1                 | 110                    | 14-2                           | 6                    |
| AST2124R       | 24.00 x 6.00 x 4.50  | 610 x 152 x 114  | 4               | 125                  | 14-1/0                       | 1                 | 110                    | 14-2                           | 6                    |
| AST3123R       | 36.00 x 6.00 x 4.50  | 914 x 152 x 114  | 3               | 125                  | 14-1/0                       | 1                 | 110                    | 14-2                           | 6                    |
| AST3124R       | 36.00 x 6.00 x 4.50  | 914 x 152 x 114  | 4               | 125                  | 14-1/0                       | 1                 | 110                    | 14-2                           | 6                    |
| AST4123R       | 48.00 x 6.00 x 4.50  | 1219 x 152 x 114 | 3               | 125                  | 14-1/0                       | 1                 | 110                    | 14-2                           | 6                    |
| AST4124R       | 48.00 x 6.00 x 4.50  | 1219 x 152 x 114 | 4               | 125                  | 14-1/0                       | 1                 | 110                    | 14-2                           | 6                    |
| AST3223R       | 36.00 x 8.25 x 4.50  | 914 x 210 x 114  | 3               | 225                  | 6-300MCM                     | 1                 | 150                    | 14-2/0                         | 6                    |
| AST3224R       | 36.00 x 8.25 x 4.50  | 914 x 210 x 114  | 4               | 225                  | 6-300MCM                     | 1                 | 150                    | 14-2/0                         | 6                    |
| AST4223R       | 48.00 x 8.25 x 4.50  | 1219 x 210 x 114 | 3               | 225                  | 6-300MCM                     | 1                 | 150                    | 14-2/0                         | 6                    |
| AST4224R       | 48.00 x 8.25 x 4.50  | 1219 x 210 x 114 | 4               | 225                  | 6-300MCM                     | 1                 | 150                    | 14-2/0                         | 6                    |
| AST5223R       | 60.00 x 8.25 x 4.50  | 1524 x 210 x 114 | 3               | 225                  | 6-300MCM                     | 1                 | 150                    | 14-2/0                         | 6                    |
| AST5224R       | 60.00 x 8.25 x 4.50  | 1524 x 210 x 114 | 4               | 225                  | 6-300MCM                     | 1                 | 150                    | 14-2/0                         | 6                    |
| AST6223R       | 72.00 x 8.25 x 4.50  | 1829 x 210 x 114 | 3               | 225                  | 6-300MCM                     | 1                 | 150                    | 14-2/0                         | 6                    |
| AST6224R       | 72.00 x 8.25 x 4.50  | 1829 x 210 x 114 | 4               | 225                  | 6-300MCM                     | 1                 | 150                    | 14-2/0                         | 6                    |
| AST3403R       | 36.00 x 10.00 x 6.00 | 914 x 254 x 152  | 3               | 400                  | 1/0-250MCM: 4-600MCM         | 2:1               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST4403R       | 48.00 x 10.00 x 6.00 | 1219 x 254 x 152 | 3               | 400                  | 1/0-250MCM: 4-600MCM         | 2:1               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST4404R       | 48.00 x 10.00 x 6.00 | 1219 x 254 x 152 | 4               | 400                  | 1/0-250MCM: 4-600MCM         | 2:1               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST5403R       | 60.00 x 10.00 x 6.00 | 1524 x 254 x 152 | 3               | 400                  | 1/0-250MCM: 4-600MCM         | 2:1               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST5404R       | 60.00 x 10.00 x 6.00 | 1524 x 254 x 152 | 4               | 400                  | 1/0-250MCM: 4-600MCM         | 2:1               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST6403R       | 72.00 x 10.00 x 6.00 | 1829 x 254 x 152 | 3               | 400                  | 1/0-250MCM: 4-600MCM         | 2:1               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST6404R       | 72.00 x 10.00 x 6.00 | 1829 x 254 x 152 | 4               | 400                  | 1/0-250MCM: 4-600MCM         | 2:1               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST4603R       | 48.00 x 11.00 x 6.50 | 1219 x 279 x 165 | 3               | 600                  | 1/0-250MCM: 4-600MCM         | 4:2               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST4604R       | 48.00 x 11.00 x 6.50 | 1219 x 279 x 165 | 4               | 600                  | 1/0-250MCM: 4-600MCM         | 4:2               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST5603R       | 60.00 x 11.00 x 6.50 | 1524 x 279 x 165 | 3               | 600                  | 1/0-250MCM: 4-600MCM         | 4:2               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST5604R       | 60.00 x 11.00 x 6.50 | 1524 x 279 x 165 | 4               | 600                  | 1/0-250MCM: 4-600MCM         | 4:2               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST6603R       | 72.00 x 11.00 x 6.50 | 1829 x 279 x 165 | 3               | 600                  | 1/0-250MCM: 4-600MCM         | 4:2               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |
| AST6604R       | 72.00 x 11.00 x 6.50 | 1829 x 279 x 165 | 4               | 600                  | 1/0-250MCM: 4-600MCM         | 4:2               | 175                    | 6-4/0 AND 14-3/0 <sup>a</sup>  | 4 and 2 <sup>a</sup> |

<sup>a</sup>Six total branch lugs: (4) 6-4/0 and (2) 14-3/0