

## CONTINUOUS HINGE WITH CLAMPS, EMC, TYPE 12



### INDUSTRY STANDARDS

UL 50, 50E Listed; Type 12, 13; File No. E27567  
 cUL Listed per CSA C22.2 No. 94; Type 12, 13; File No. E27567  
 UL 508A Listed; Type 12, 13; File No. E61997  
 cUL Listed per CSA C22.2 No. 94; Type 12,13; File No. E61997

NEMA/EEMAC Type 12, 13  
 CSA, File No. 42184: Type 12, 13  
 IEC 60529, IP54

### APPLICATION

This enclosure is used in indoor applications to contain stray electromagnetic interference (EMI) signals produced by internal components and to shield those components from external EMI/RFI interference.

### SPECIFICATIONS

- 16 or 14 gauge steel
- Seams continuously welded and ground smooth
- Continuous hinge
- Bonding provision on door
- Combination woven steel mesh and oil-resistant gasket
- Stainless steel cover clamps and screws
- Weldnuts provided for mounting optional panels and terminal kits in size 6.00 x 4.00 in. (152 x 102mm) and larger
- Shielding effectiveness greater than 80 dB at 1 GHz

### FINISH

Plated finish provides conductive surfaces for gasket contact areas and conduit entries.

### ACCESSORIES

*See also Accessories.*

Industrial Corrosion Inhibitors

Fast-Operating Clamp-Cover Junction Box Clamp

Panels for Junction Boxes

Junction Box and Wall-Mount Enclosure Swing Out Panel Kit

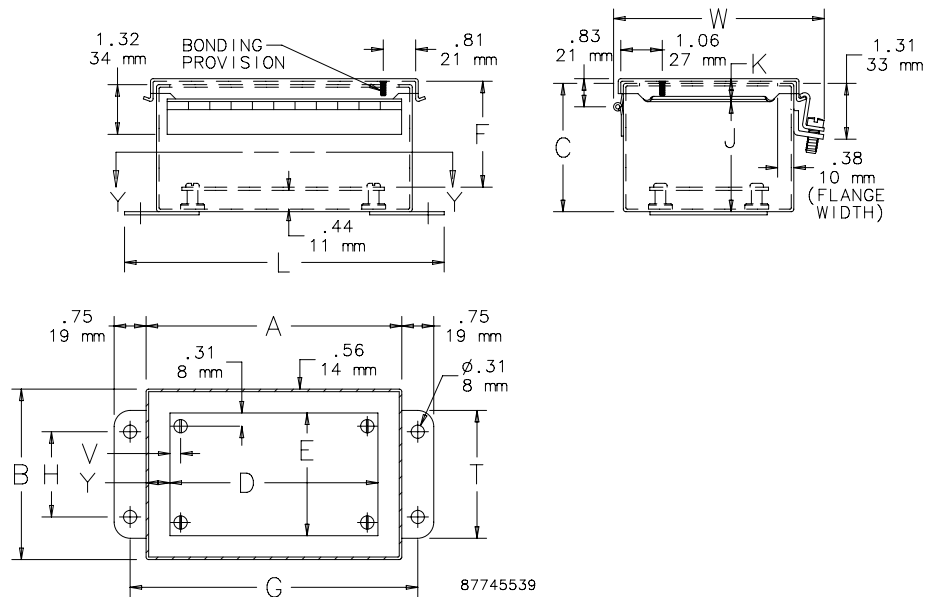
Terminal Block Kit Assembly for Junction Boxes Overview

**BULLETIN: A53**

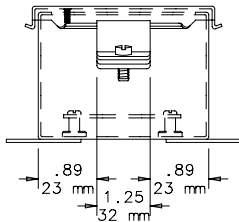
### Standard Product

| Catalog Number | AxBxC in./mm         | Gauge | UL Listed | Panel  | Conductive Panel | Panel Size<br>D x E<br>in./mm | Mounting<br>G x H<br>in./mm | Overall<br>L x W<br>in./mm | F<br>in./mm | J<br>in./mm | K<br>in./mm | T<br>in./mm | V<br>in./mm | Y<br>in./mm |
|----------------|----------------------|-------|-----------|--------|------------------|-------------------------------|-----------------------------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| A604CHEMC      | 6.00 x 4.00 x 3.00   | 16    | 508A      | A6P4   | A6P4G            | 4.88 x 2.88                   | 6.75 x 2.00                 | 7.50 x 4.81                | 2.53        | 2.62        | 0.54        | 3.00        | 0.31        | 0.56        |
|                | 152 x 102 x 76       |       |           |        |                  | 124 x 73                      | 171 x 51                    | 191 x 122                  | 64          | 66          | 14          | 76          | 8           | 14          |
| A806CHEMC      | 8.00 x 6.00 x 3.50   | 14    | 50, 50E   | A8P6   | A8P6G            | 6.75 x 4.88                   | 8.75 x 4.00                 | 9.51 x 6.81                | 3.03        | 3.12        | 0.56        | 5.00        | 0.25        | 0.62        |
|                | 203 x 152 x 89       |       |           |        |                  | 171 x 124                     | 222 x 102                   | 241 x 173                  | 77          | 79          | 14          | 127         | 6           | 16          |
| A606CHEMC      | 6.00 x 6.00 x 4.00   | 16    | 50, 50E   | A6P6   | A6P6G            | 4.88 x 4.88                   | 6.75 x 4.00                 | 7.50 x 6.81                | 3.53        | 3.62        | 0.54        | 5.00        | 0.31        | 0.56        |
|                | 152 x 152 x 102      |       |           |        |                  | 124 x 124                     | 171 x 102                   | 191 x 173                  | 90          | 92          | 14          | 127         | 8           | 14          |
| A1008CHEMC     | 10.00 x 8.00 x 4.00  | 14    | 50, 50E   | A10P8  | A10P8G           | 8.75 x 6.88                   | 10.75 x 6.00                | 11.50 x 8.81               | 3.53        | 3.62        | 0.56        | 7.00        | 0.25        | 0.62        |
|                | 254 x 203 x 102      |       |           |        |                  | 222 x 175                     | 273 x 152                   | 292 x 224                  | 90          | 92          | 14          | 178         | 6           | 16          |
| A1210CHEMC     | 12.00 x 10.00 x 5.00 | 14    | 50, 50E   | A12P10 | A12P10G          | 10.75 x 8.88                  | 12.75 x 8.00                | 13.50 x 10.81              | 4.53        | 4.62        | 0.56        | 9.00        | 0.25        | 0.62        |
|                | 305 x 254 x 127      |       |           |        |                  | 273 x 226                     | 324 x 203                   | 343 x 275                  | 115         | 117         | 14          | 229         | 6           | 16          |
| A1412CHEMC     | 14.00 x 12.00 x 6.00 | 14    | 50, 50E   | A14P12 | A14P12G          | 12.75 x 10.88                 | 14.75 x 10.00               | 15.50 x 12.81              | 5.53        | 5.62        | 0.56        | 11.00       | 0.25        | 0.62        |
|                | 356 x 305 x 152      |       |           |        |                  | 324 x 276                     | 375 x 254                   | 394 x 325                  | 140         | 143         | 14          | 279         | 6           | 16          |
| A1614CHEMC     | 16.00 x 14.00 x 6.00 | 14    | 50, 50E   | A16P14 | A16P14G          | 14.75 x 12.88                 | 16.75 x 12.00               | 17.50 x 14.81              | 5.53        | 5.62        | 0.56        | 13.00       | 0.25        | 0.62        |
|                | 406 x 356 x 152      |       |           |        |                  | 375 x 327                     | 425 x 305                   | 445 x 376                  | 140         | 143         | 14          | 330         | 6           | 16          |

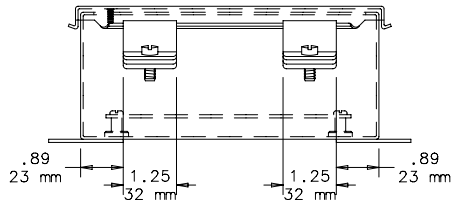
Purchase panels separately.



SECTION Y-Y



Clamp End of Box,  
One Clamp Used



Clamp End of Box,  
Two Clamps Used

**Steel JIC Shielding Effectiveness**  
Standard Mild Steel JIC Cabinet Compared to EMC Mild Steel JIC Cabinet

