



Westinghouse Electric Corporation  
Distribution Apparatus Division  
Bloomington, Indiana 47401

Price List  
**38-210**

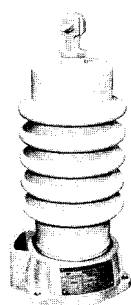
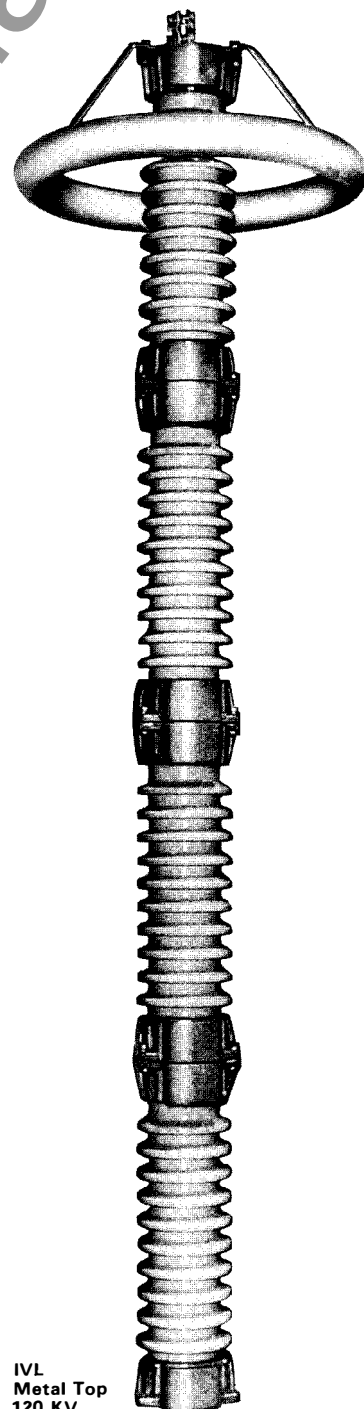
Page 1

January 3, 1978  
Supersedes P.L. 38-210, pages 1-2,  
dated April 8, 1977

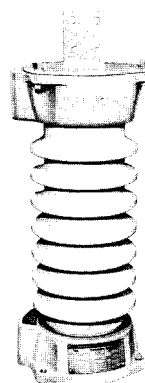
Prices effective January 3, 1978 and  
subject to change without notice.  
(Refer to Selling Policy 38-000)  
Mailed to: E, D, C/1981/PL

Indoor-Outdoor  
Altitude 0-10000 feet  
3-120 KV

## Intermediate Arrester Type IVL



IVL  
Porcelain Top  
3-30 KV



IVL  
Metal Top  
18 KV



**Price Includes**

1. Single phase, single pole arrester of from one to four units with ASA #70 light grey porcelain.

2. Line terminal

3. Ground terminal bracket

4. Line and ground clamp type connectors suitable for copper or aluminum conductors as follows

| Conductor diameter | Arrester Type and Connection Point                                             |
|--------------------|--------------------------------------------------------------------------------|
| .25-.75 inches     | Line terminal on all metal top arresters and ground terminals on all arresters |
| .255-.681 inches   | Line terminals on all porcelain top arresters                                  |

5. Master nameplate and hardware (excluding base mounting hardware)

6. Grading ring for ratings 84 KV and above.

**Order By Style Number  
Porcelain Top Intermediate Arresters**

| Arrester Rating<br>KV rms ① | Style Number<br>Gray ②③ | Superseded Style<br>Number | Order Entry<br>Location | RAMAD | List Price<br>④ |
|-----------------------------|-------------------------|----------------------------|-------------------------|-------|-----------------|
| 3                           | 5554A50A03              | 632A863A01                 | TOPS                    | 57255 | \$ 163          |
| 4.5                         | 5554A50A04              | ...                        | Q-11                    | 17570 | 186             |
| 6                           | 5554A50A06              | 632A864A01                 | TOPS                    | 57264 | 186             |
| 7.5                         | 5554A50A07              | ...                        | Q-11                    | 17640 | 201             |
| 9                           | 5554A50A09              | 632A865A01                 | TOPS                    | 57269 | 201             |
| 10                          | 5554A50A10              | ...                        | TOPS                    | 30694 | 204             |
| 12                          | 5554A50A12              | 632A866A01                 | TOPS                    | 57282 | 219             |
| 15                          | 5554A50A15              | 632A867A01                 | TOPS                    | 57285 | 231             |
| 18                          | 5554A50A18              | ...                        | Q-11                    | 17680 | 256             |
| 21                          | 5554A50A21              | ...                        | Q-11                    | 17681 | 267             |
| 24                          | 5554A50A24              | ...                        | Q-11                    | 17694 | 309             |
| 30                          | 5554A50A30              | ...                        | Q-11                    | 17704 | 394             |

**Metal Top Intermediate Arresters**

| Arrester Rating<br>KV rms ① | Style Number<br>Gray ②③ | Superseded Style<br>Number | Order Entry<br>Location | RAMAD | List Price<br>④ |
|-----------------------------|-------------------------|----------------------------|-------------------------|-------|-----------------|
| 3                           | 5554A51A03              | 632A922A01                 | TOPS                    | 30701 | \$ 163          |
| 4.5                         | 5554A51A04              | ...                        | Q-11                    | 17711 | 186             |
| 6                           | 5554A51A06              | 632A923A01                 | TOPS                    | 30702 | 186             |
| 7.5                         | 5554A51A07              | ...                        | Q-11                    | 17712 | 201             |
| 9                           | 5554A51A09              | 632A924A01                 | TOPS                    | 30704 | 201             |
| 10                          | 5554A51A10              | ...                        | Q-11                    | 17719 | 204             |
| 12                          | 5554A51A12              | 632A925A01                 | TOPS                    | 30706 | 219             |
| 15                          | 5554A51A15              | 632A926A01                 | TOPS                    | 30749 | 231             |
| 18                          | 5554A51A18              | ...                        | TOPS                    | 30750 | 256             |
| 21                          | 5554A51A21              | 632A882A01                 | TOPS                    | 30751 | 267             |
| 24                          | 5554A51A24              | 632A883A01                 | TOPS                    | 30753 | 309             |
| 27                          | 5554A51A27              | ...                        | TOPS                    | 30755 | 347             |
| 30                          | 5554A51A30              | 632A884A01                 | TOPS                    | 30756 | 394             |
| 36                          | 5554A51A36              | 632A885A01                 | TOPS                    | 30758 | 479             |
| 39                          | 5554A51A39              | 632A886A01                 | TOPS                    | 30762 | 523             |
| 45                          | 5554A51A45              | ...                        | Q-11                    | 17723 | 574             |
| 48                          | 5554A51A48              | 632A887A01                 | Q-11                    | 17726 | 616             |
| 60                          | 5554A51A60              | 632A888A01                 | TOPS                    | 30764 | 786             |
| 72                          | 5554A51A72              | 632A889A01                 | Q-11                    | 17740 | 957             |
| 78                          | 5554A51A78              | ...                        | Q-11                    | 17750 | 1010            |
| 84                          | 5554A51A84              | ...                        | Q-11                    | 17757 | 1094            |
| 90                          | 5554A51A90              | 632A928A01                 | Q-11                    | 17766 | 1180            |
| 96                          | 5554A51A96              | 632A890A01                 | Q-11                    | 17767 | 1264            |
| 108                         | 5554A51A98              | 632A891A01                 | Q-11                    | 17797 | 1494            |
| 120                         | 5554A51A99              | 632A892A01                 | Q-11                    | 17807 | 1633            |

① Maximum permissible continuous line-to-ground power voltage 60 or 50 Hz (Max. valve-off or re-seal rating).

② For brown porcelain contact Westinghouse. Brown porcelain is not stocked and deliveries are extended to special order porcelain. Order on wired entry location CC.

③ Line terminal not suitable for suspension mounting. See accessories for correct line terminal.

④ Changed since previous issue.



January 3, 1978  
Supersedes P.L. 38-210, pages 3-4,  
dated April 8, 1977

Prices effective January 3, 1978  
Subject to change without notice.  
(Refer to Selling Policy 38-000)  
Mailed to: E, D, C/1981, 2430/PL

Indoor-Outdoor  
Altitude 0-10000 feet  
3-120 KV

## Intermediate Arrester Type IVL

### IVL INTERMEDIATE ARRESTER – Special Modifications and Accessories

#### Special Modifications

**Note:** Special modifications may not be possible on all arrester types and ratings. Contact Westinghouse.

#### List Price Addition

Multiple rated arrester i.e., 60/120 KV

**\$143**

Extra creep porcelain

Price in accordance with KV sizes, i.e., 60 KV in 72 KV porcelain is priced at the 72 KV price.

#### Accessories

For styles and prices see page 4

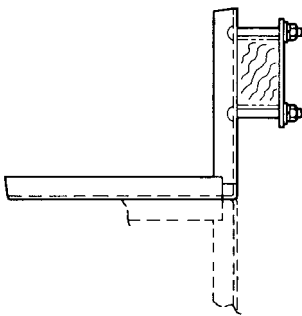


Fig. 1 Single crossarm bracket, reversible (3-39 KV)

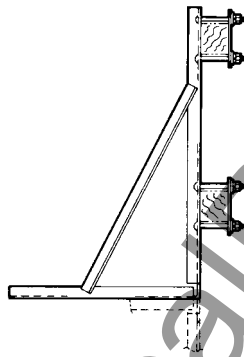


Fig. 2 Double crossarm bracket, reversible (3-72 KV).

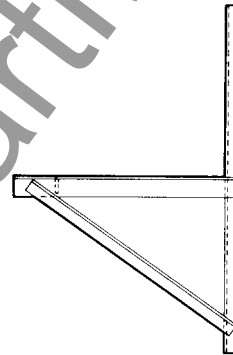


Fig. 3 Wall Mounting Bracket (3-72 KV)

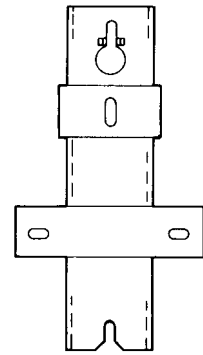


Fig. 4 Pole Mounting Bracket: Single arrester horizontal mounting (3-36 KV)

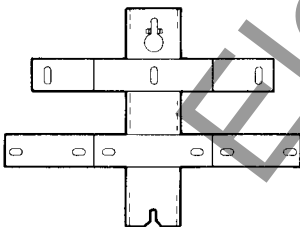


Fig. 5 Pole Mounting Bracket: Three arresters horizontal mounting (3-36 KV)

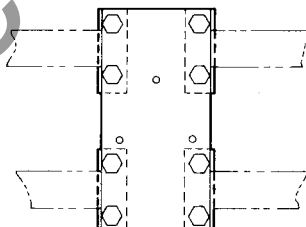


Fig. 6 Baseplate: Double crossarm or platform mounting (3-72 KV)



Fig. 7 Cover Adapter Plate Suspension Mounting (3-120 KV)

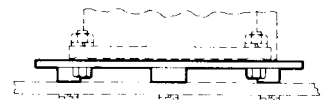


Fig. 8 Adapter Plate for mounting IVS or IVL arrester on four bolt hole, 8-11/16 inch diameter B.C. (3-120 KV)



| Description                                                                                         | For Use<br>with<br>Arrester<br>Rating | Style<br>Number | Order Entry<br>Location<br>and<br>RAMAD | List<br>Price | Approx.<br>Shipping<br>Weight<br>Lbs. | Fig.<br>Ref. see<br>Page 3 |
|-----------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------------------------|---------------|---------------------------------------|----------------------------|
| Insulating unit: for use with IVL arresters where discharge counter is used.                        |                                       |                 |                                         |               |                                       |                            |
| Gray porcelain (14.25" high).                                                                       | 3-120 KV                              | 5559A77A01      | Q-11 30836                              | \$ 84         | 33                                    | ...                        |
| Discharge counter                                                                                   | 3-120 KV                              | 633A700A01      | W-86 13243                              | 204           | 25                                    | ...                        |
| Discharge counter with leakage grading current indicator                                            | 3-120 KV                              | 633A797A01      | Q-11 30780                              | 273           | 25                                    | ...                        |
| Single crossarm bracket, reversible①                                                                | 3-36 KV                               | 279C251A08      | W-86 30699                              | 60            | 15                                    | 1                          |
| Double crossarm mounting bracket, reversible①                                                       | 3-72 KV                               | 279C251A07      | W-86 30765                              | 110           | 45                                    | 2                          |
| Wall mounting bracket                                                                               | 3-72 KV                               | 279C251A10      | Q-11 30768                              | 129           | 80                                    | 3                          |
| Pole mounting bracket: single arrester horizontal mounting                                          | 3-30 KV                               | 279C251A02      | Q-11 30779                              | 19            | 12                                    | 4                          |
| Pole mounting bracket: three arresters horizontal mounting                                          | 3-30 KV                               | 279C251A01      | Q-11 30770                              | 59            | 30                                    | 5                          |
| Baseplate: double crossarm or platform mounting①                                                    | 3-72 KV                               | 279C251A09      | W-86 30766                              | 77            | 33                                    | 6                          |
| Cover adapter plate: suspension mounting②                                                           | 3-120 KV                              | 634A825A01      | Q-11 30772                              | 19            | 9                                     | 7                          |
| Adapter plate for mounting IVS or IVL arrester on four bolt hole, 8-11/16 inch diameter bolt circle | 3-120 KV                              | 55B4538G02      | W-86 32117                              | 17            | 10                                    | 8                          |

① Includes backstrap, carriage bolts, lockwashers and nuts.

② No charge when included with arrester order.

● Changed since previous issue.

#### Further Information

38-211 D W E A  
38-212 F W E A  
38-216 T W E A

Westinghouse Electric Corporation  
Distribution Apparatus Division  
Bloomington, Indiana 47401 U.S.A.



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Distribution Apparatus Division  
Bloomington, Indiana 47401

Price List  
**38-210**

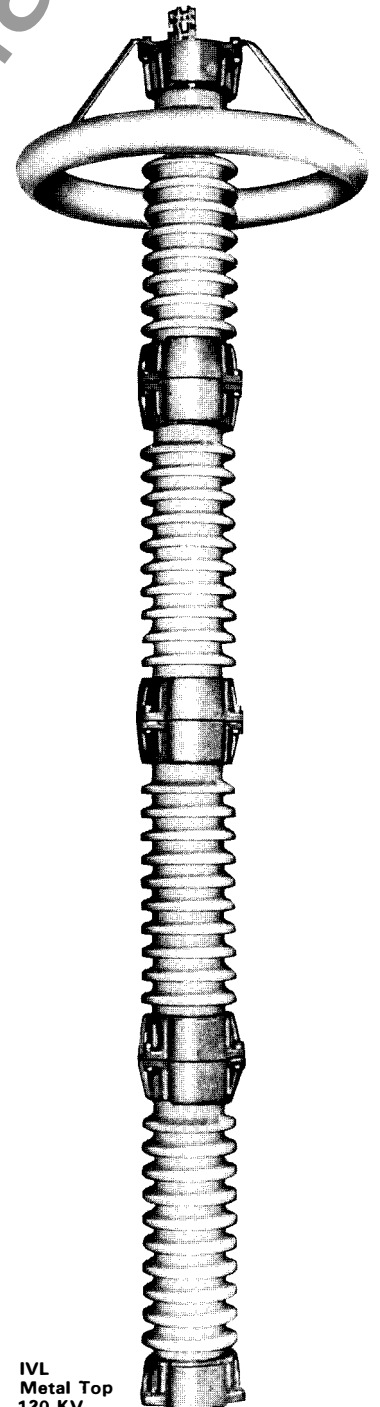
Page 1

April 8, 1977  
Supersedes 38-210 P WE A, pages 1-2,  
dated June 8, 1976

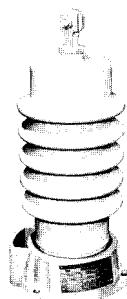
Prices effective April 1, 1977 and  
subject to change without notice.  
(Refer to Selling Policy 38-000)  
Mailed to: E, D, C/1981/PL

Indoor-Outdoor  
Altitude 0-10000 feet  
3-120 KV

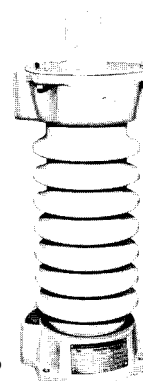
## Intermediate Arrester Type IVL



IVL  
Porcelain Top  
3-30 KV



IVL  
Metal Top  
18 KV





#### Price Includes

1. Single phase, single pole arrester of from one to four units with ASA #70 light grey porcelain.

2. Line terminal

3. Ground terminal bracket

4. Line and ground clamp type connectors suitable for copper or aluminum conductors as follows

| Conductor diameter | Arrester Type and Connection Point |
|--------------------|------------------------------------|
|--------------------|------------------------------------|

|                  |                                                                                |     |            |            |      |       |        |
|------------------|--------------------------------------------------------------------------------|-----|------------|------------|------|-------|--------|
| .25-.75 inches   | Line terminal on all metal top arresters and ground terminals on all arresters | 3   | 5554A51A03 | 632A922A01 | TOPS | 30701 | \$ 114 |
|                  |                                                                                | 4.5 | 5554A51A04 | ...        | Q-11 | 17711 | 130    |
|                  |                                                                                | 6   | 5554A51A06 | 632A923A01 | TOPS | 30702 | 130    |
|                  |                                                                                | 7.5 | 5554A51A07 | ...        | Q-11 | 17712 | 141    |
|                  |                                                                                | 9   | 5554A51A09 | 632A924A01 | TOPS | 30704 | 141    |
|                  |                                                                                | 10  | 5554A51A10 | ...        | Q-11 | 17719 | 143    |
|                  |                                                                                | 12  | 5554A51A12 | 632A925A01 | TOPS | 30706 | 153    |
| .255-.681 inches | Line terminals on all porcelain top arresters                                  | 15  | 5554A51A15 | 632A926A01 | TOPS | 30749 | 162    |
|                  |                                                                                | 18  | 5554A51A18 | ...        | TOPS | 30750 | 179    |
|                  |                                                                                | 21  | 5554A51A21 | 632A882A01 | TOPS | 30751 | 187    |
|                  |                                                                                | 24  | 5554A51A24 | 632A883A01 | TOPS | 30753 | 216    |
|                  |                                                                                | 27  | 5554A51A27 | ...        | TOPS | 30755 | 243    |
|                  |                                                                                | 30  | 5554A51A30 | 632A884A01 | TOPS | 30756 | 276    |
|                  |                                                                                | 36  | 5554A51A36 | 632A885A01 | TOPS | 30758 | 335    |

5. Master nameplate and hardware (excluding base mounting hardware)

6. Grading ring for ratings 84 KV and above.

#### Order By Style Number

#### Porcelain Top Intermediate Arresters

| Arrester Rating KV rms ① | Style Number Gray ②③ | Superseded Style Number | Order Entry Location | RAMAD | List Price ④ |
|--------------------------|----------------------|-------------------------|----------------------|-------|--------------|
| 3                        | 5554A50A03           | 632A863A01              | TOPS                 | 57255 | \$ 114       |
| 4.5                      | 5554A50A04           | ...                     | Q-11                 | 17570 | 130          |
| 6                        | 5554A50A06           | 632A864A01              | TOPS                 | 57264 | 130          |
| 7.5                      | 5554A50A07           | ...                     | Q-11                 | 17640 | 141          |
| 9                        | 5554A50A09           | 632A865A01              | TOPS                 | 57269 | 141          |
| 10                       | 5554A50A10           | ...                     | TOPS                 | 30694 | 143          |
| 12                       | 5554A50A12           | 632A866A01              | TOPS                 | 57282 | 153          |
| 15                       | 5554A50A15           | 632A867A01              | TOPS                 | 57285 | 162          |
| 18                       | 5554A50A18           | ...                     | Q-11                 | 17680 | 179          |
| 21                       | 5554A50A21           | ...                     | Q-11                 | 17681 | 187          |
| 24                       | 5554A50A24           | ...                     | Q-11                 | 17694 | 216          |
| 30                       | 5554A50A30           | ...                     | Q-11                 | 17704 | 276          |

#### Metal Top Intermediate Arresters

| Arrester Rating KV rms ① | Style Number Gray ②③ | Superseded Style Number | Order Entry Location | RAMAD | List Price ④ |
|--------------------------|----------------------|-------------------------|----------------------|-------|--------------|
| 3                        | 5554A51A03           | 632A922A01              | TOPS                 | 30701 | \$ 114       |
| 4.5                      | 5554A51A04           | ...                     | Q-11                 | 17711 | 130          |
| 6                        | 5554A51A06           | 632A923A01              | TOPS                 | 30702 | 130          |
| 7.5                      | 5554A51A07           | ...                     | Q-11                 | 17712 | 141          |
| 9                        | 5554A51A09           | 632A924A01              | TOPS                 | 30704 | 141          |
| 10                       | 5554A51A10           | ...                     | Q-11                 | 17719 | 143          |
| 12                       | 5554A51A12           | 632A925A01              | TOPS                 | 30706 | 153          |
| 15                       | 5554A51A15           | 632A926A01              | TOPS                 | 30749 | 162          |
| 18                       | 5554A51A18           | ...                     | TOPS                 | 30750 | 179          |
| 21                       | 5554A51A21           | 632A882A01              | TOPS                 | 30751 | 187          |
| 24                       | 5554A51A24           | 632A883A01              | TOPS                 | 30753 | 216          |
| 27                       | 5554A51A27           | ...                     | TOPS                 | 30755 | 243          |
| 30                       | 5554A51A30           | 632A884A01              | TOPS                 | 30756 | 276          |
| 36                       | 5554A51A36           | 632A885A01              | TOPS                 | 30758 | 335          |
| 39                       | 5554A51A39           | 632A886A01              | TOPS                 | 30762 | 366          |
| 45                       | 5554A51A45           | ...                     | Q-11                 | 17723 | 402          |
| 48                       | 5554A51A48           | 632A887A01              | Q-11                 | 17726 | 431          |
| 60                       | 5554A51A60           | 632A888A01              | TOPS                 | 30764 | 550          |
| 72                       | 5554A51A72           | 632A889A01              | Q-11                 | 17740 | 670          |
| 78                       | 5554A51A78           | ...                     | Q-11                 | 17750 | 707          |
| 84                       | 5554A51A84           | ...                     | Q-11                 | 17757 | 766          |
| 90                       | 5554A51A90           | 632A928A01              | Q-11                 | 17766 | 826          |
| 96                       | 5554A51A96           | 632A890A01              | Q-11                 | 17767 | 885          |
| 108                      | 5554A51A98           | 632A891A01              | Q-11                 | 17797 | 1046         |
| 120                      | 5554A51A99           | 632A892A01              | Q-11                 | 17807 | 1143         |

① Maximum permissible continuous line-to-ground power voltage 60 or 50 Hz (Max. valve-off or re-seal rating).

② For brown porcelain contact Westinghouse. Brown porcelain is not stocked and deliveries are extended to special order porcelain. Order on wired entry location CC.

③ Line terminal not suitable for suspension mounting. See accessories for correct line terminal.

④ Changed since previous issue.



April 8, 1977  
Supersedes 38-210 P WE A, pages 1-4,  
dated March 18, 1976

Indoor-Outdoor  
Altitude 0-10000 feet  
3-120 KV

Prices effective April 1, 1977  
Subject to change without notice.  
(Refer to Selling Policy 38-000)  
Mailed to: E, D, C/1981, 2430/PL

## Intermediate Arrester Type IVL

### IVL INTERMEDIATE ARRESTER – Special Modifications and Accessories

#### Special Modifications

**Note:** Special modifications may not be possible on all arrester types and ratings. Contact Westinghouse.

#### List Price Addition

Multiple rated arrester i.e., 60/120 KV

**\$100**

Extra creep porcelain

Price in accordance with KV sizes, i.e., 60 KV in 72 KV porcelain is priced at the 72 KV price.

#### Accessories

For styles and prices see page 4

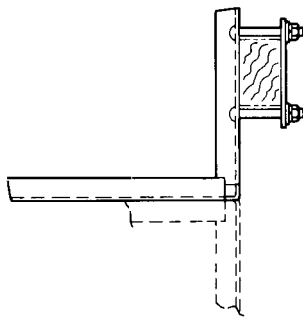


Fig. 1 Single crossarm bracket, reversible (3-39 KV)

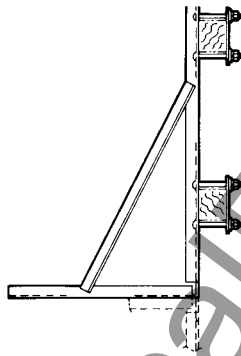


Fig. 2 Double crossarm bracket, reversible (3-72 KV).

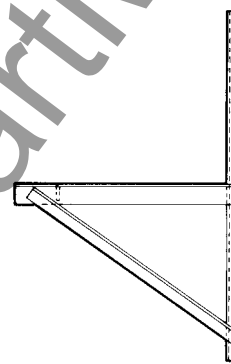


Fig. 3 Wall Mounting Bracket (3-72 KV)

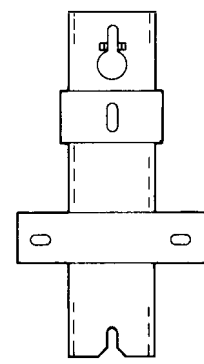


Fig. 4 Pole Mounting Bracket: Single arrester horizontal mounting (3-36 KV)

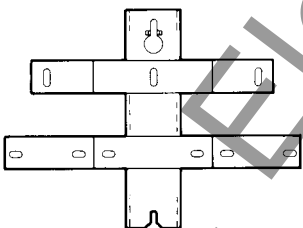


Fig. 5 Pole Mounting Bracket: Three arresters horizontal mounting (3-36 KV)

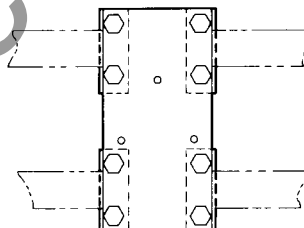


Fig. 6 Baseplate: Double crossarm or platform mounting (3-72 KV)

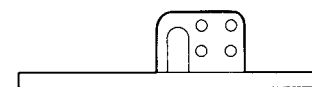


Fig. 7 Cover Adapter Plate Suspension Mounting (3-120 KV)

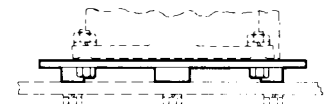


Fig. 8 Adapter Plate for mounting IVS or IVL arrester on four bolt hole, 8-11/16 inch diameter B.C. (3-120 KV)



| Description                                                                                            | For Use<br>with<br>Arrester<br>Rating | Style<br>Number | Order Entry<br>Location<br>and<br>RAMAD | List <sup>Ⓢ</sup><br>Price | Approx.<br>Shipping<br>Weight<br>Lbs. | Fig.<br>Ref. see<br>Page 3 |
|--------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------------------------|----------------------------|---------------------------------------|----------------------------|
| Insulating unit: for use with IVL arresters where<br>discharge counter is used.                        |                                       |                 |                                         |                            |                                       |                            |
| Gray porcelain (14.25" high).                                                                          | 3-120 KV                              | 5559A77A01      | Q-11 30836                              | \$ 59                      | 33                                    | ...                        |
| Discharge counter                                                                                      | 3-120 KV                              | 633A700A01      | W-86 13243                              | 143                        | 25                                    | ...                        |
| Discharge counter with leakage grading current<br>indicator                                            | 3-120 KV                              | 633A797A01      | Q-11 30780                              | 191                        | 25                                    | ...                        |
| Single crossarm bracket, reversible <sup>①</sup>                                                       | 3-36 KV                               | 279C251A08      | W-86 30699                              | 42                         | 15                                    | 1                          |
| Double crossarm mounting bracket, reversible <sup>①</sup>                                              | 3-72 KV                               | 279C251A07      | W-86 30765                              | 77                         | 45                                    | 2                          |
| Wall mounting bracket                                                                                  | 3-72 KV                               | 279C251A10      | Q-11 30768                              | 90                         | 80                                    | 3                          |
| Pole mounting bracket: single arrester horizontal<br>mounting                                          | 3-30 KV                               | 279C251A02      | Q-11 30779                              | 13                         | 12                                    | 4                          |
| Pole mounting bracket: three arresters horizontal<br>mounting                                          | 3-30 KV                               | 279C251A01      | Q-11 30770                              | 41                         | 30                                    | 5                          |
| Baseplate: double crossarm or platform mounting <sup>①</sup>                                           | 3-72 KV                               | 279C251A09      | W-86 30766                              | 54                         | 33                                    | 6                          |
| Cover adapter plate: suspension mounting <sup>②</sup>                                                  | 3-120 KV                              | 634A825A01      | Q-11 30772                              | 13                         | 9                                     | 7                          |
| Adapter plate for mounting IVS or IVL arrester on<br>four bolt hole, 8-11/16 inch diameter bolt circle | 3-120 KV                              | 55B4538G02      | W-86 32117                              | 12                         | 10                                    | 8                          |

① Includes backstrap, carriage bolts, lockwashers and nuts.

② No charge when included with arrester order.

Ⓢ Changed since previous issue.

#### Further Information

38-211 D W E A  
38-212 F W E A  
38-216 T W E A

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