



September, 1979  
Supersedes Dimension Sheet 29-170,  
pages 1-20 dated February, 1977.  
Mailed to: E, D, C/1915/DS

Automatic, Basic and Manual Construction

## Transfer Switches

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| <b>Contactor Type Switch, Electrically Held</b> |                   |                 |                       |                 |
| Up to 240 Volts Ac .....                        | 30-100            | 2,3             | 2                     | KA10704         |
| Above 240 Volts Ac .....                        | 30-100            | 2,3             | 2                     | KA10705         |
| Intelligence Panel .....                        | 100-3000          | 2,3,4           | 4                     | WA10609-A       |
| <b>Breaker Type Switch, Mechanically Held</b>   |                   |                 |                       |                 |
| Front Connected .....                           | 100               | 2,3             | 5                     | 1258C43         |
| Front Connected .....                           | 225-400           | 2,3             | 6                     | 2606D04         |
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| Rear Bus Connection .....                       | 1200-2000         | 2,3             | 8                     | 2606D08         |
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| Rear Terminal Connection .....                  | 2500-3000         | 2,3             | 11                    | 2612D20         |
| Front Connected .....                           | 100               | 4               | 5                     | 1258C43         |
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| Rear Terminal Connection .....                  | 1200-2000         | 4               | 13                    | 2608D56         |
| Rear Bus Connection .....                       | 2500-3000         | 4               | Refer to Westinghouse |                 |
| Rear Terminal Connection .....                  | 2500-3000         | 4               | Refer to Westinghouse |                 |
| Narrow, Single Panel Switches ..                | 100 ①             | 3               | 14                    | 1368D78         |
|                                                 | 225-400 ①         | 3               | 15                    | 2605D70         |
|                                                 | 600-1000          | 3               | 16                    | 2605D79         |
| <b>Basic Transfer Switches</b>                  |                   |                 |                       |                 |
| <b>Contactor Type Switch, Electrically Held</b> |                   |                 |                       |                 |
|                                                 | 30 ①              | 3               | 3                     | 1260C76         |
|                                                 | 70-100 ①          | 3               | 3                     | 2607D41         |
| <b>Breaker Type Switch, Mechanically Held</b>   |                   |                 |                       |                 |
| Front Connected .....                           | 100               | 2,3             | 5                     | 1258C43         |
| Front Connected .....                           | 225-400           | 2,3             | 6                     | 2606D04         |
| Front Connected .....                           | 600-1000          | 2,3             | 6                     | 2606D06         |
| Rear Terminal Connection .....                  | 1200-2000         | 2,3             | 7                     | 2606D07         |
| Rear Bus Connection .....                       | 1200-2000         | 2,3             | 8                     | 2606D08         |
| Front Connection .....                          | 1200-2000 ①       | 2,3             | 9                     | 2606D46         |
| Rear Bus Connection .....                       | 2500-3000         | 2,3             | 10                    | 2612D10         |
| Rear Terminal Connection .....                  | 2500-3000         | 2,3             | 11                    | 2612D20         |
| Front Connected .....                           | 100               | 4               | 5                     | 1258C43         |
| Front Connected .....                           | 225-400           | 4               | 12                    | 2608D42         |
| Front Connected .....                           | 600-1000          | 4               | 12                    | 2608D49         |
| Rear Bus Connection .....                       | 1200-2000         | 4               | 13                    | 2608D55         |
| Rear Terminal Connection .....                  | 1200-2000         | 4               | 13                    | 2608D56         |
| Rear Bus Connection .....                       | 2500-3000         | 4               | Refer to Westinghouse |                 |
| Rear Terminal Connection .....                  | 2500-3000         | 4               | Refer to Westinghouse |                 |

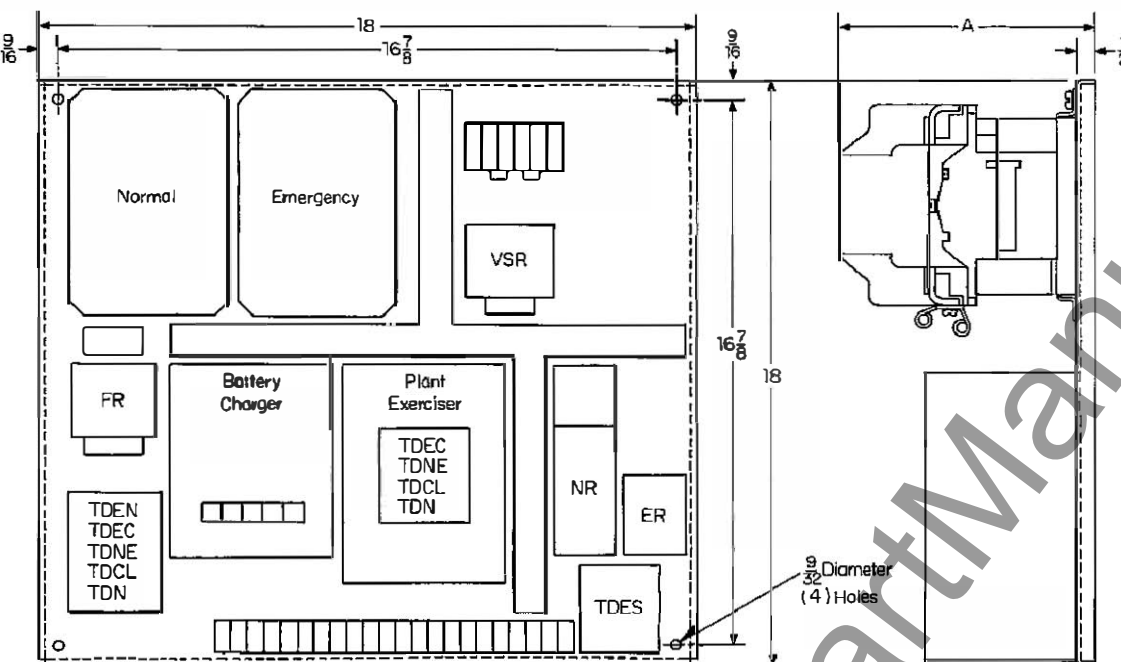
| Type Construction                         | Switch<br>Amperes | No. of<br>Poles | Page<br>No.           | Outline<br>Dwg. |
|-------------------------------------------|-------------------|-----------------|-----------------------|-----------------|
| <b>Manual Transfer Switches</b>           |                   |                 |                       |                 |
| <b>Type MTSD, Dual Operating Handles</b>  |                   |                 |                       |                 |
| Front Connected .....                     | 100               | 2,3             | 17                    | 1260C79         |
| Front Connected .....                     | 225-400           | 2,3             | 17                    | 2607D36         |
| Front Connected .....                     | 600-1000          | 2,3             | 18                    | 2607D38         |
| Rear Bus Connection .....                 | 1200-2000         | 2,3             | 19                    | 2607D40         |
| Rear Terminal Connection .....            | 1200-2000         | 2,3             | 20                    | 2612D81         |
| Rear Bus Connection .....                 | 2500-3000         | 2,3             | Refer to Westinghouse |                 |
| Rear Terminal Connection .....            | 2500-3000         | 2,3             | Refer to Westinghouse |                 |
| Front Connected .....                     | 100               | 4               | 17                    | 1260C79         |
| Front Connected .....                     | 225               | 4               | 21                    | 2613D95         |
| Front Connected .....                     | 400               | 4               | 21                    | 2613D96         |
| Front Connected .....                     | 600-1000          | 4               | 22                    | 2613D97         |
| Rear Bus Connection .....                 | 1200-2000         | 4               | 22                    | 2613D98         |
| Rear Terminal Connection .....            | 1200-2000         | 4               | 23                    | 2613D99         |
| Rear Bus Connection .....                 | 2500-3000         | 4               | Refer to Westinghouse |                 |
| Rear Terminal Connection .....            | 2500-3000         | 4               | Refer to Westinghouse |                 |
| <b>Type MTSS, Single Operating Handle</b> |                   |                 |                       |                 |
| Front Connected .....                     | 100               | 2,3             | 5                     | 1262C01         |
| Front Connected .....                     | 225-400           | 2,3             | 6                     | 2606D04         |
| Front Connected .....                     | 600-1000          | 2,3             | 6                     | 2606D06         |
| Rear Terminal Connection .....            | 1200-2000         | 2,3             | 7                     | 2606D07         |
| Rear Bus Connection .....                 | 1200-2000         | 2,3             | 8                     | 2606D08         |
| Front Connection .....                    | 1200-2000 ①       | 2,3             | 9                     | 2606D46         |
| Rear Bus Connection .....                 | 2500-3000         | 2,3             | 10                    | 2612D10         |
| Rear Terminal Connection .....            | 2500-3000         | 2,3             | 11                    | 2612D20         |
| Front Connected .....                     | 100               | 4               | 5                     | 1262C01         |
| Front Connected .....                     | 225-400           | 4               | 12                    | 2608D42         |
| Front Connected .....                     | 600-1000          | 4               | 12                    | 2608D49         |
| Rear Bus Connection .....                 | 1200-2000         | 4               | 13                    | 2608D55         |
| Rear Terminal Connection .....            | 1200-2000         | 4               | 13                    | 2608D56         |
| Rear Bus Connection .....                 | 2500-3000         | 4               | Refer to Westinghouse |                 |
| Rear Terminal Connection .....            | 2500-3000         | 4               | Refer to Westinghouse |                 |
| <b>Enclosures</b>                         |                   |                 |                       |                 |
| Contactor Type Switch .....               | 30-100            | 2,3             | 24                    | 2609D77         |
| Breaker Type Switch .....                 | 600-1000          | 2,3,4           | 25                    | 2604D66         |
|                                           | 1200-2000         | 2,3,4           | 25                    | 1271C53         |
| Service Equipment Switch .....            | 400-1000 ②        | 3               | 26                    | 1279C79         |
|                                           | 1200-3000 ②       | 3               | 26                    | 1279C80         |

① Supplied as Open Switch Only

② Supplied as Automatic Transfer Switch Only

**Connector Switch Electrically Held, 30-100 Amps, 2 and 3 Poles**  
Automatic Switch Only

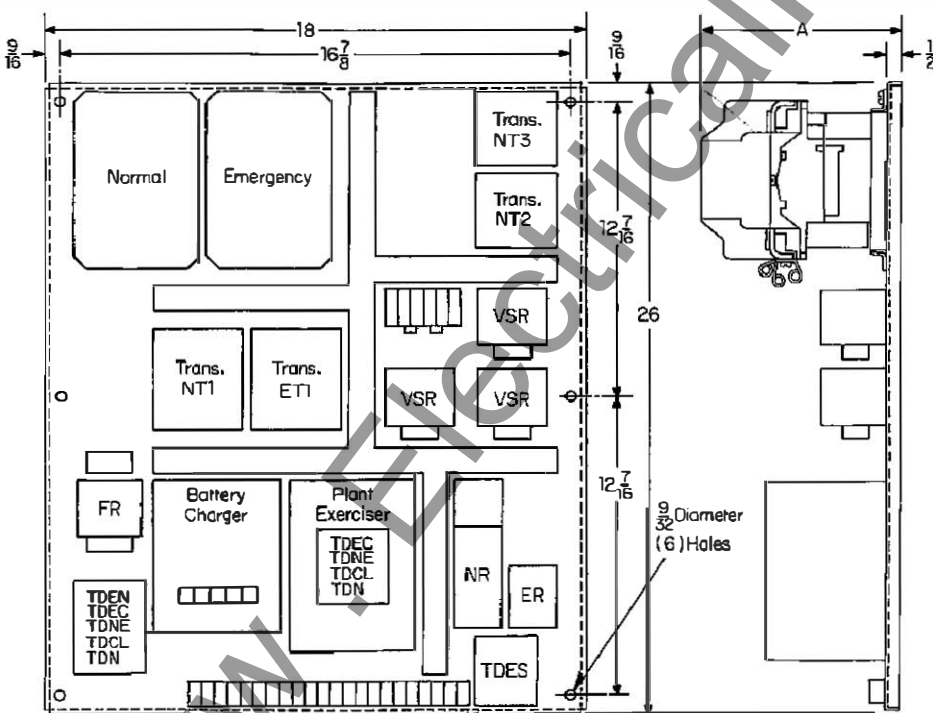
Up Thru 240 Volts Ac



| Maximum Switch Amperes | Dim. A | Wire Range, No. and Type |
|------------------------|--------|--------------------------|
| 30                     | 5 7/16 | #14 to #8 Cu             |
| 70                     | 7 1/4  | #6 to 4/0 Cu/Al          |
| 100                    | 7 1/4  | #4 to 300 MCM            |

Reproduced From Drawing KA10704

Above 240 Volts Ac



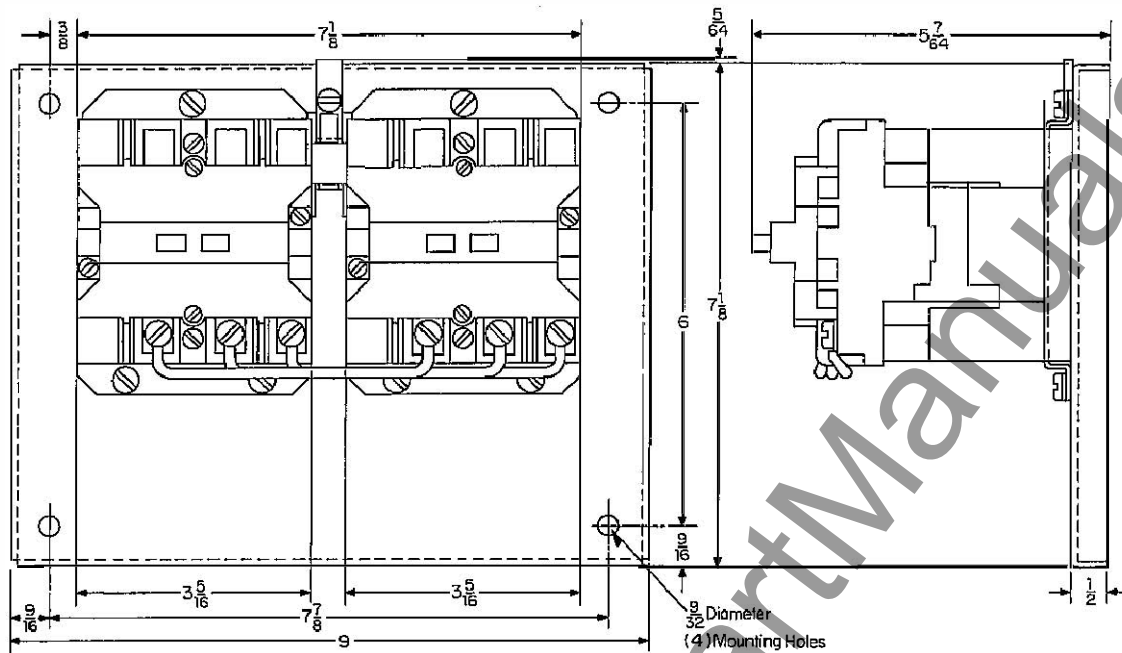
| Maximum Switch Amperes | Dim. A | Wire Range, No. and Type |
|------------------------|--------|--------------------------|
| 30                     | 5 7/16 | #14 to #8 Cu             |
| 70                     | 7 1/4  | #6 to 4/0 Cu/Al          |
| 100                    | 7 1/4  | #4 to 300 MCM            |

Reproduced From Drawing KA10705



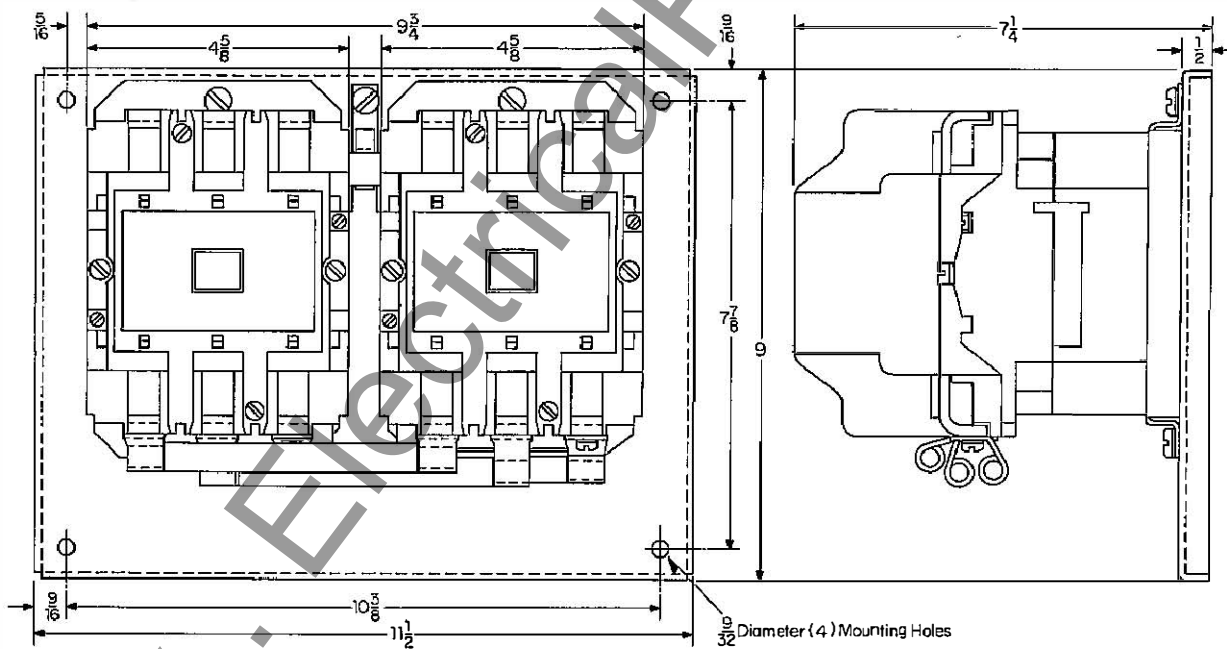
**Contactor Switch Electrically Held, 3 Poles**  
**Basic Switch Only**

**30 Amperes**



Reproduced From Drawing 1260C76

**70-100 Amperes**

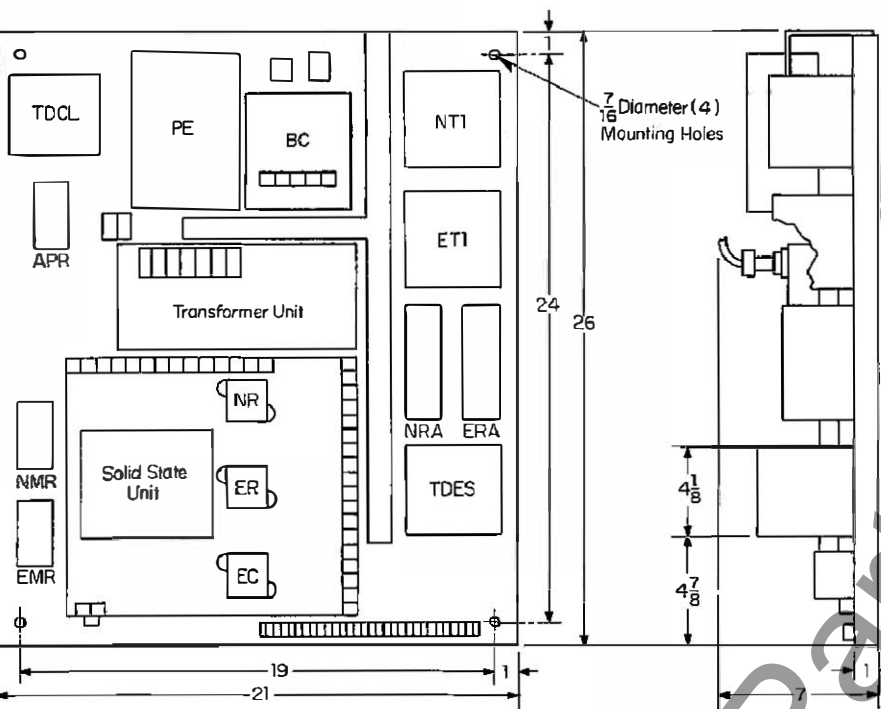


Reproduced From Drawing 2607D41

| Maximum Switch Amps | Terminal Wire Range, No. and Type |
|---------------------|-----------------------------------|
| 30                  | #14 to #8 Cu                      |
| 70                  | #6 to 4/0 Cu/Al                   |
| 100                 | #4 to 300 MCM                     |

Breaker Switch Mechanically Held, 2, 3 and 4 Poles  
Automatic Switch Only

Intelligence Panel For Use With All Automatic Switches

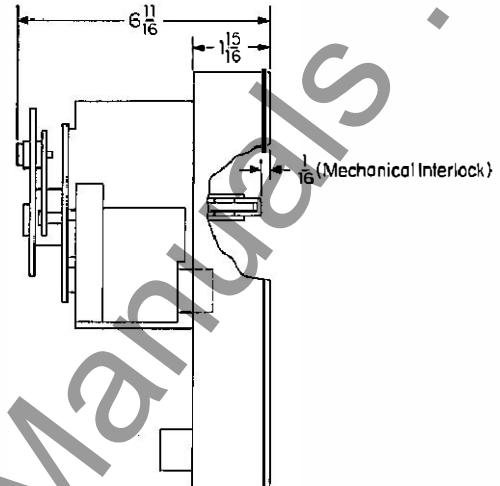
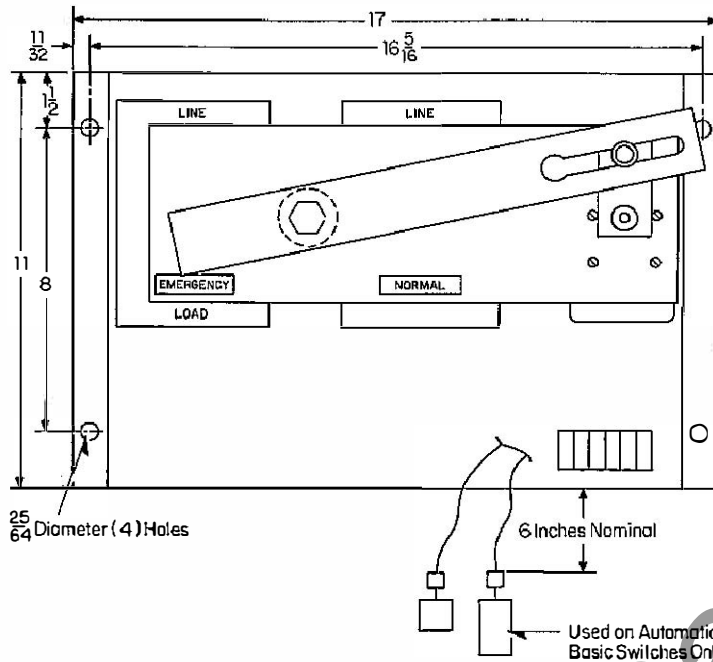


Reproduced From Drawing WA10609-A



**Breaker Switch Mechanically Held, 2, 3 and 4 Poles**  
Automatic and Basic Switches

100 Amperes

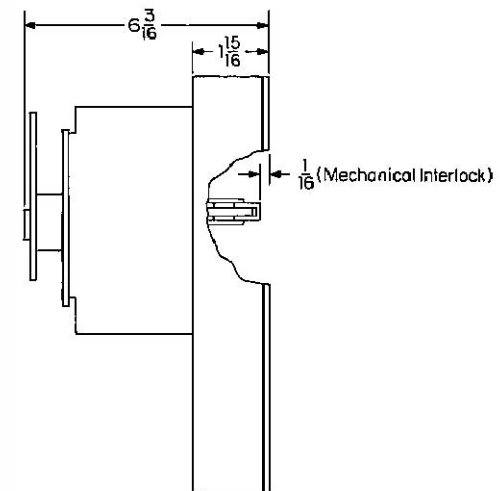
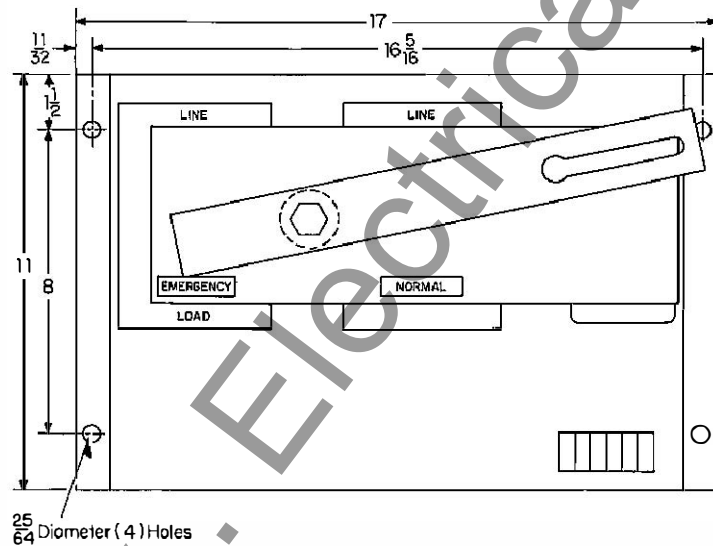


| Switch<br>Amp<br>Rating | Switch Catalog Numbers |              | Wire<br>Range    |
|-------------------------|------------------------|--------------|------------------|
|                         | 2 Poles                | 3 Poles      |                  |
| 100                     | ATSBM20100-K           | ATSBM30100-K | #12 to 1/0 Al/Cu |
| 100                     | BTSBM20100-K           | BTSBM30100-K | #12 to 1/0 Al/Cu |

Reproduced From Drawing 1258C43

**Type MTSS Manual Single Handle Switches**

100 Amperes

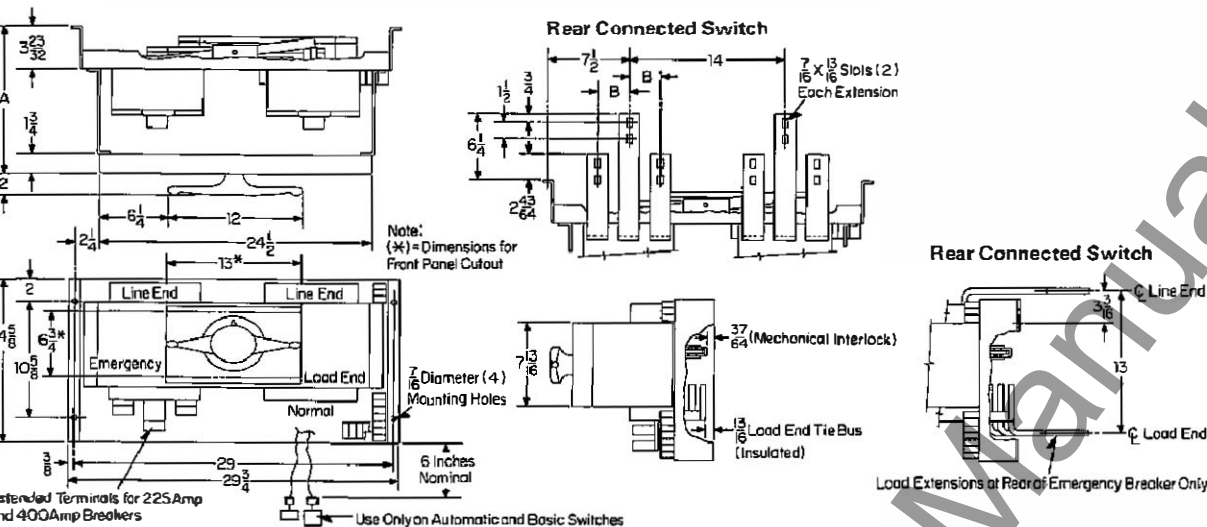


| Switch<br>Amp<br>Rating | Switch Catalog Numbers |              | Wire<br>Range    |
|-------------------------|------------------------|--------------|------------------|
|                         | 2 Poles                | 3 Poles      |                  |
| 100                     | MTSSM20100-K           | MTSSM30100-K | #12 to 1/0 Al/Cu |

Reproduced From Drawing 1262C01

# Breaker Switch Mechanically Held, 2 and 3 Poles Automatic, Basic, Manual Type MTSS Single Handle Switches

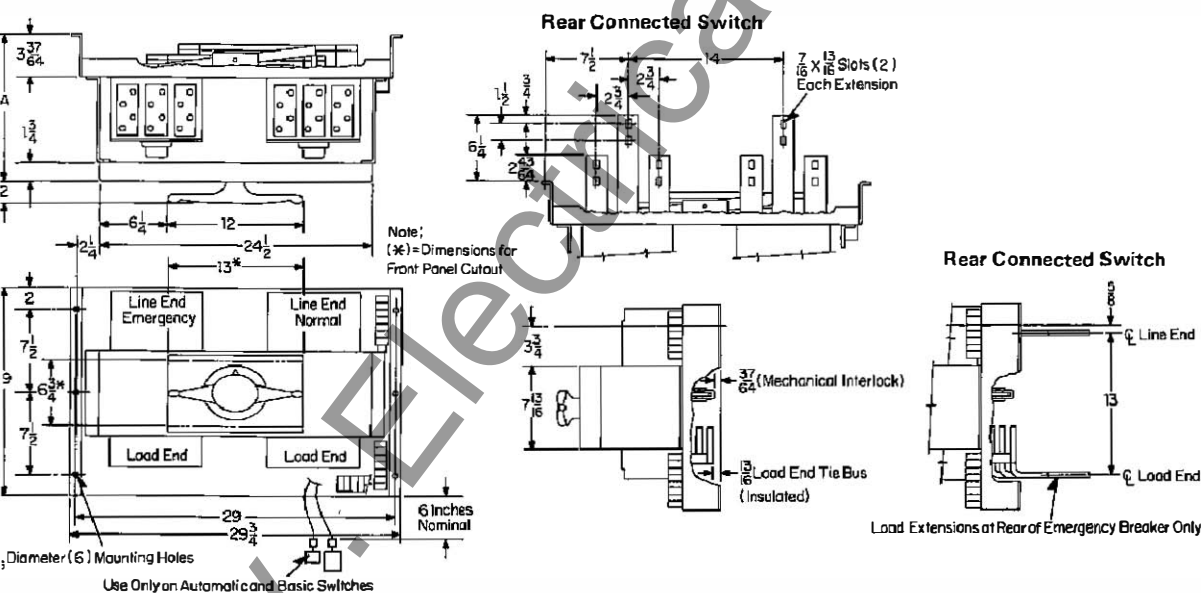
25-400 Amperes. Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



| Max. Switch Amps. | Switch Catalog Numbers |              |                |              |                 |              | Wire Range, No. and Type |                          | Dim A               | Dim B              |
|-------------------|------------------------|--------------|----------------|--------------|-----------------|--------------|--------------------------|--------------------------|---------------------|--------------------|
|                   | Automatic Switches     |              | Basic Switches |              | Manual Switches |              | Front Connected (Al/Cu)  | Rear Conn. Bus (Cu Only) |                     |                    |
|                   | 2 Poles                | 3 Poles      | 2 Poles        | 3 Poles      | 2 Poles         | 3 Poles      |                          |                          |                     |                    |
| 225               | ATSBM20225-K           | ATSBM30225-K | BTSBM20225-K   | BTSBM30225-K | MTSSM20225-K    | MTSSM30225-K | (1) #6 to 350 MCM        | .250 x 1 In.             | 10 <sup>13/32</sup> | 1 <sup>13/16</sup> |
| 400               | ATSBM20400-K           | ATSBM30400-K | BTSBM20400-K   | BTSBM30400-K | MTSSM20400-K    | MTSSM30400-K | (2) 250 MCM to 500 MCM   | .250 x 2 In.             | 11 <sup>7/32</sup>  | 2 <sup>3/4</sup>   |

reproduced From Drawing 2606D04

600-1000 Amperes. Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



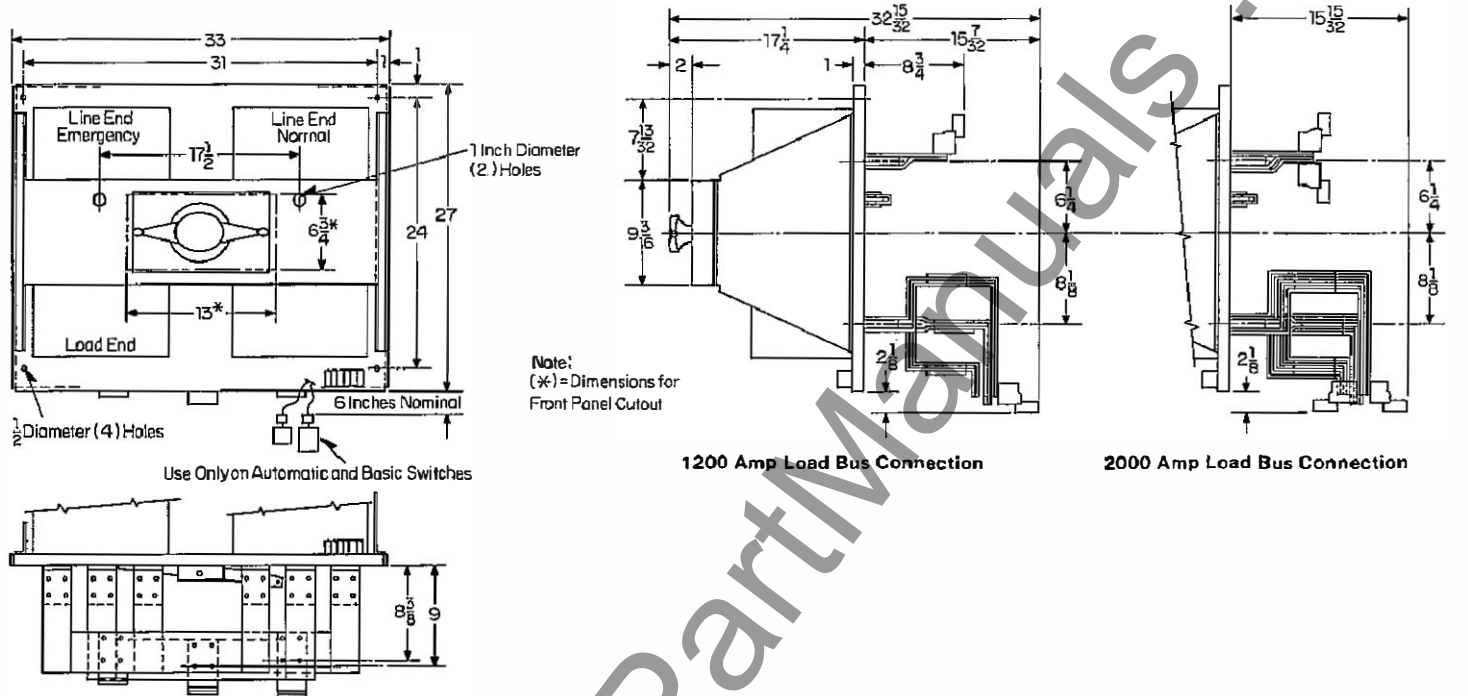
| Max. switch<br>amps | Switch Catalog Numbers |              |                |              |                 |              | Wire Range, No. and Type |                | Dim<br>A                         |
|---------------------|------------------------|--------------|----------------|--------------|-----------------|--------------|--------------------------|----------------|----------------------------------|
|                     | Automatic Switches     |              | Basic Switches |              | Manual Switches |              | Front Connected          | Rear Connected |                                  |
|                     | 2 Poles                | 3 Poles      | 2 Poles        | 3 Poles      | 2 Poles         | 3 Poles      | (Al/Cu)                  | Bus (Cu Only)  |                                  |
| 600                 | ATSBM20600-K           | ATSBM30600-K | BTSBM20600-K   | BTSBM30600-K | MTSSM20600-K    | MTSSM30600-K | (2) #1 to 500 MCM        | .312 x 2 In.   | 11 <sup>31</sup> / <sub>32</sub> |
| 800                 | ATSBM20800-K           | ATSBM30800-K | BTSBM20800-K   | BTSBM30800-K | MTSSM20800-K    | MTSSM30800-K | (3) 3/0 to 400 MCM       | .500 x 2 In.   | 13 <sup>3</sup> / <sub>32</sub>  |
| 1000                | ATSBM21000-K           | ATSBM31000-K | BTSBM21000-K   | BTSBM31000-K | MTSSM21000-K    | MTSSM31000-K | (3) 3/0 to 400 MCM       | .500 x 2 In.   | 13 <sup>3</sup> / <sub>32</sub>  |

reproduced From Drawing 2606D06



**Breaker Switch Mechanically Held, 2 and 3 Poles, Continued**  
Automatic, Basic, Manual Type MTSS Single Handle Switches

**1200-2000 Amperes, Rear Terminal Connection (Standard for Enclosed Switch)**

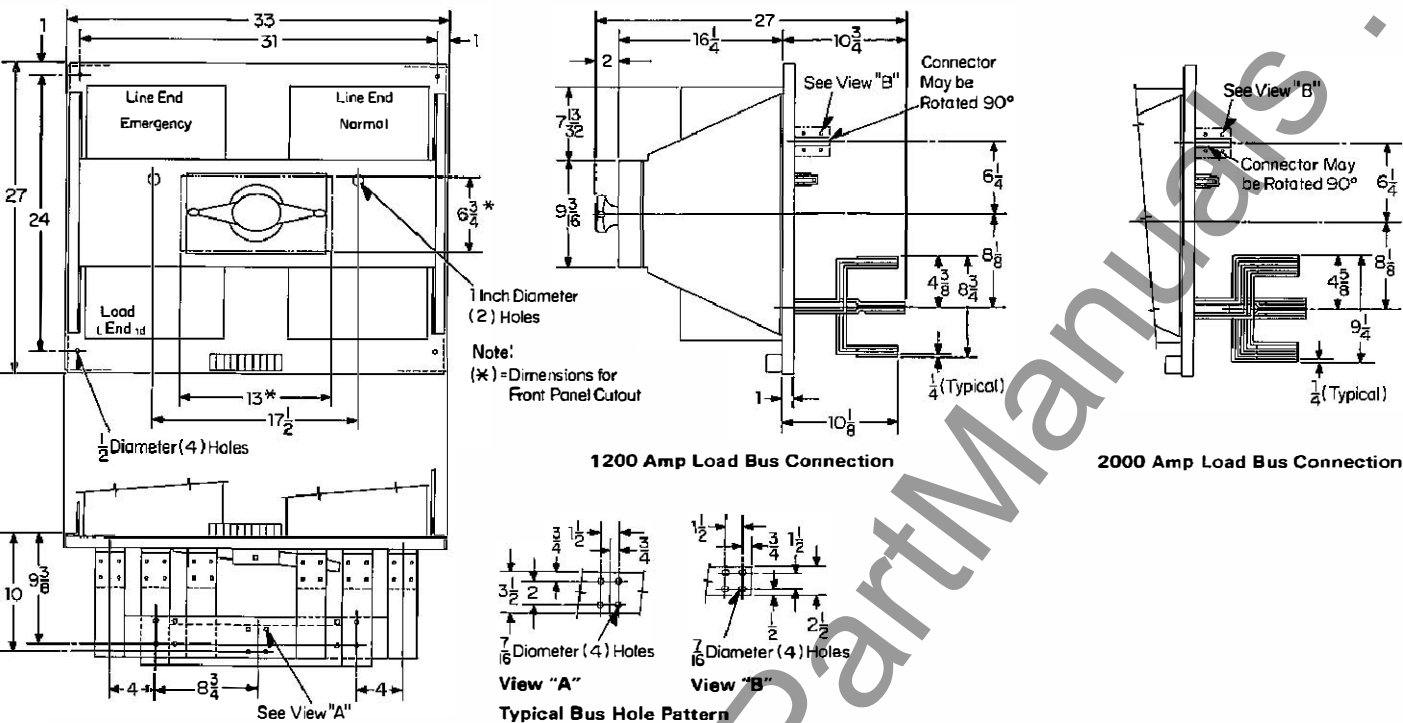


| Max. Switch Amps | Switch Catalog Numbers |              |                |              |                 |              | Wire Range, No. and Type Connectors Per Pole (Cu/Al) |
|------------------|------------------------|--------------|----------------|--------------|-----------------|--------------|------------------------------------------------------|
|                  | Automatic Switches     |              | Basic Switches |              | Manual Switches |              |                                                      |
|                  | 2 Poles                | 3 Poles      | 2 Poles        | 3 Poles      | 2 Poles         | 3 Poles      |                                                      |
|                  |                        |              |                |              |                 |              |                                                      |
| 1200             | ATSBM21200-K           | ATSBM31200-K | BTSBM21200-K   | BTSBM31200-K | MTSSM21200-K    | MTSSM31200-K | (4) 4/0 to 500 MCM                                   |
| 1600             | ATSBM21600-K           | ATSBM31600-K | BTSBM21600-K   | BTSBM31600-K | MTSSM21600-K    | MTSSM31600-K | (8) 4/0 to 500 MCM                                   |
| 2000             | ATSBM22000-K           | ATSBM32000-K | BTSBM22000-K   | BTSBM32000-K | MTSSM22000-K    | MTSSM32000-K | (8) 4/0 to 500 MCM                                   |

Reproduced From Drawing 2606 D07

**Breaker Switch Mechanically Held, 2 and 3 Poles, Continued**  
Automatic, Basic, Manual Type MTSS Single Handle Switches

**1200-2000 Amperes, Rear Bus Connection (Standard for Open Switch)**



Max.  
Switch  
Amps

**Switch Catalog Numbers**

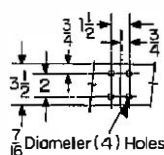
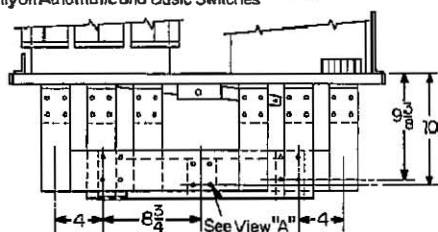
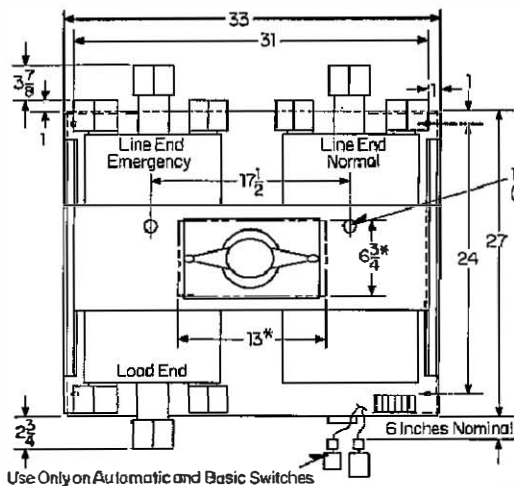
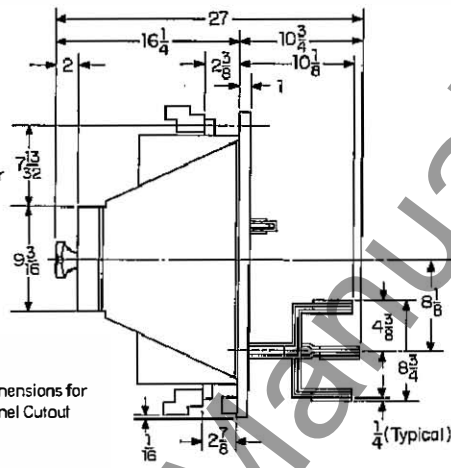
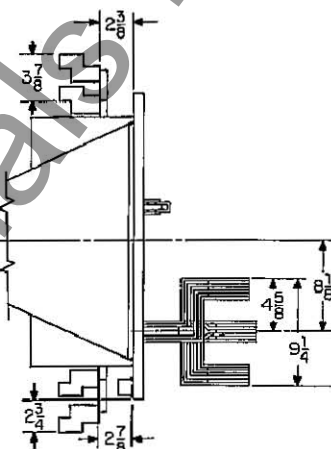
|      | Automatic Switches |              | Basic Switches |              | Manual Switches (Single Handle) |              |
|------|--------------------|--------------|----------------|--------------|---------------------------------|--------------|
|      | 2 Poles            | 3 Poles      | 2 Poles        | 3 Poles      | 2 Poles                         | 3 Poles      |
| 1200 | ATSBM21200-K       | ATSBM31200-K | BTSBM21200-K   | BTSBM31200-K | MTSSM21200-K                    | MTSSM31200-K |
| 1600 | ATSBM21600-K       | ATSBM31600-K | BTSBM21600-K   | BTSBM31600-K | MTSSM21600-K                    | MTSSM31600-K |
| 2000 | ATSBM22000-K       | ATSBM32000-K | BTSBM22000-K   | BTSBM32000-K | MTSSM22000-K                    | MTSSM32000-K |

Reproduced From Drawing 2606D08



**Breaker Switch Mechanically Held, 2 and 3 Poles. Continued**  
Automatic, Basic, Manual Type MTSS Single Handle Switches

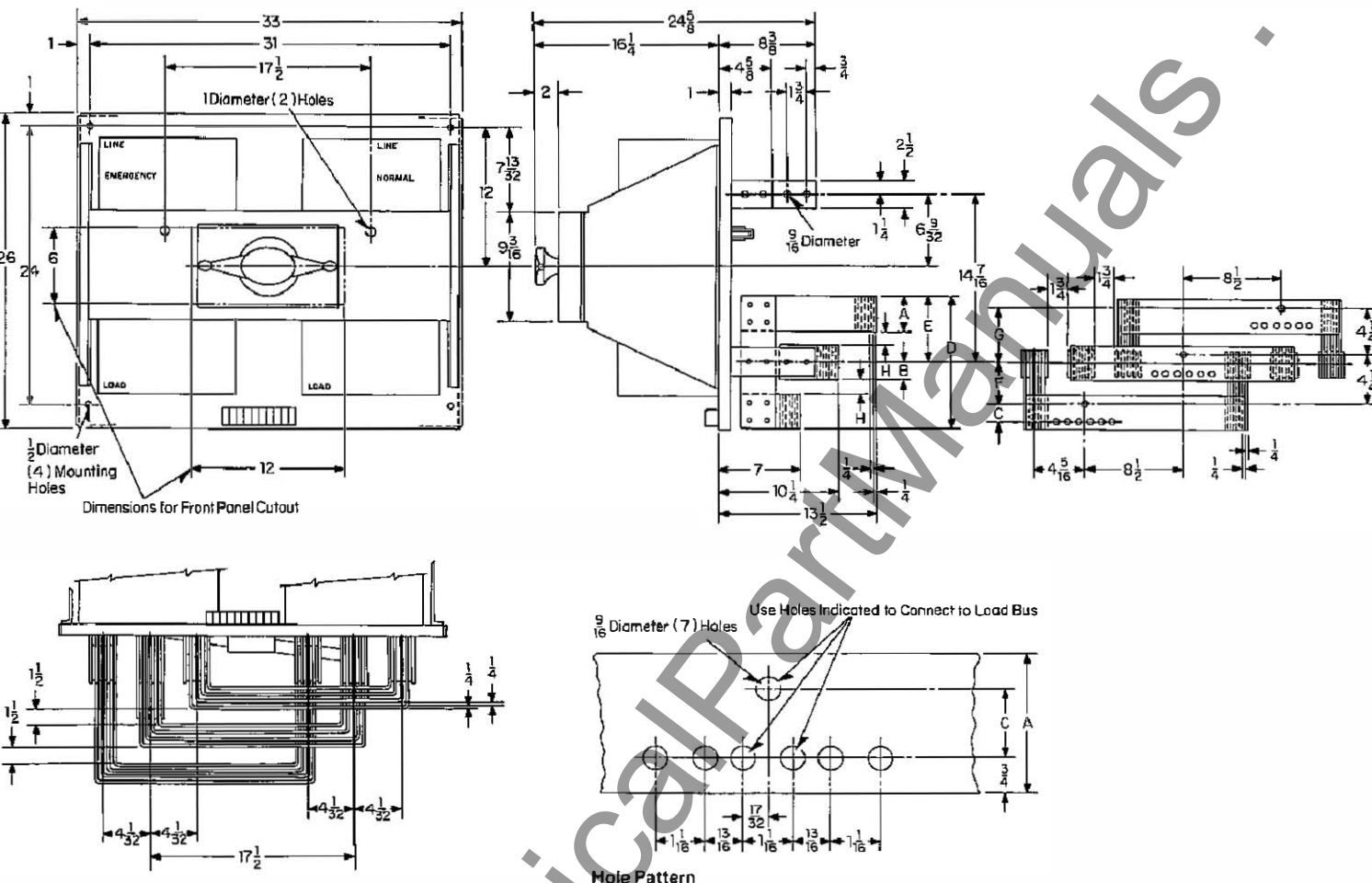
1200-2000 Amperes, Front Connection (Open Unit Only)

**View "A"**  
**Typical Bus Hole Pattern****1200 Amp Load Bus Connection****2000 Amp Load Bus Connection**

| Max. Switch Amps. | Switch Catalog Numbers |              |                |              |                               |              | Wire Range, No. and Type Connectors Per Pole (Al/Cu) |
|-------------------|------------------------|--------------|----------------|--------------|-------------------------------|--------------|------------------------------------------------------|
|                   | Automatic Switches     |              | Basic Switches |              | Manual Switches Single Handle |              |                                                      |
|                   | 2 Poles                | 3 Poles      | 2 Poles        | 3 Poles      | 2 Poles                       | 3 Poles      |                                                      |
| 1200              | ATSBM21200-K           | ATSBM31200-K | BTSBM21200-K   | BTSBM31200-K | MTSSM21200-K                  | MTSSM31200-K | (4) 4/0 to 500 MCM                                   |
| 1600              | ATSBM21600-K           | ATSBM31600-K | BTSBM21600-K   | BTSBM31600-K | MTSSM21600-K                  | MTSSM31600-K | (8) 4/0 to 500 MCM                                   |
| 2000              | ATSBM22000-K           | ATSBM32000-K | BTSBM22000-K   | BTSBM32000-K | MTSSM22000-K                  | MTSSM32000-K | (8) 4/0 to 500 MCM                                   |

Reproduced From Drawing 2606D46

**Breaker Switch Mechanically Held, 2 and 3 Poles, Continued**  
**Automatic, Basic, Manual Type MTSS Single Handle Switches**  
**2500 and 3000 Amperes, Rear Bus Connection (Standard for Enclosed Switch)**



| Rating in Amperes | Dimensions in Inches |       |       |    |       |       |       |       |
|-------------------|----------------------|-------|-------|----|-------|-------|-------|-------|
|                   | A                    | B     | C     | D  | E     | F     | G     | H     |
| 2500              | 2 1/2                | 1 1/4 | 1     | 11 | 5 1/2 | 3 3/4 | 4 1/4 | 1 3/4 |
| 3000              | 3                    | 1 1/2 | 1 1/2 | 11 | 5 3/4 | 3 1/2 | 5     | 1 1/4 |

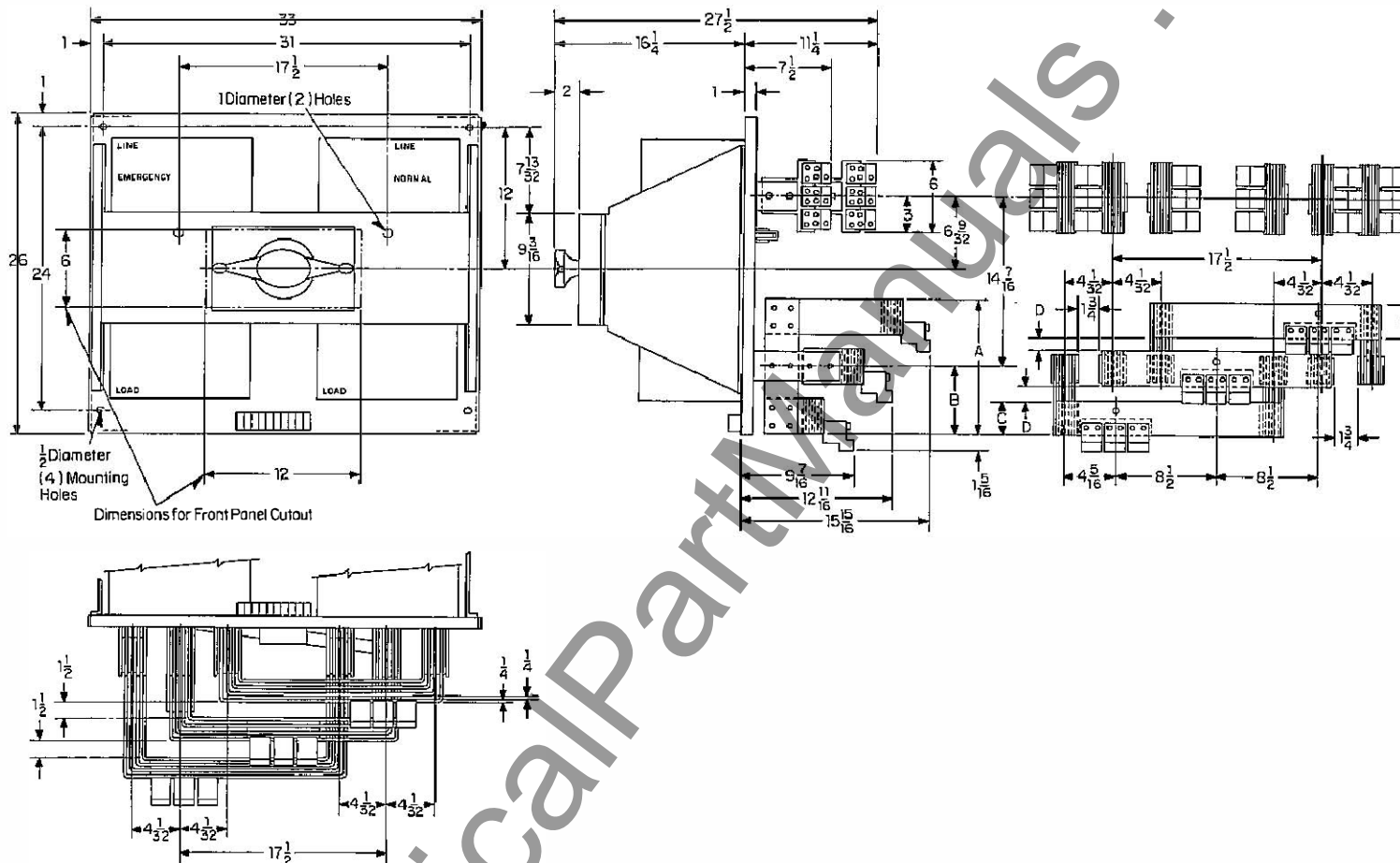
**Note:**  
 Clearance between uninsulated live part of opposite polarity.  
 Thru Air - 1 Inch  
 Over Surface - 2 Inches

Clearance between uninsulated live part and uninsulated grounded part, exposed metal part, or the wall of a metal enclosure, including fittings for conduit or armored cable.  
 Thru Air - 1 Inch\*  
 Over Surface - 2 Inches

\*A through air spacing of not less than 1/2 inch is acceptable (1) at main terminals and (2) between grounded dead metal and the neutral of a 277/480 Volt, 3 phase, 4 wire transfer switch.



**Breaker Switch Mechanically Held, 2 and 3 Poles, Continued**  
Automatic, Basic, Manual Type MTSS Single Handle Switches  
2500 and 3000 Amperes, Rear Terminal Connection (Standard for Open Switch)



| Rating in Amperes | Dimensions in Inches |    |    |    |
|-------------------|----------------------|----|----|----|
|                   | A                    | B  | C  | D  |
| 2500              | 11                   | 5½ | 2½ | 1¾ |
| 3000              | 11½                  | 5¾ | 3  | 1¾ |

**Note:**

Clearance between uninsulated live part of opposite polarity.

Thru Air - 1 Inch

Over Surface - 2 Inches

Clearance between uninsulated live part and uninsulated grounded part, exposed metal part, or the wall of a metal enclosure, including fittings for conduit or armored cable.

Thru Air - 1 Inch\*

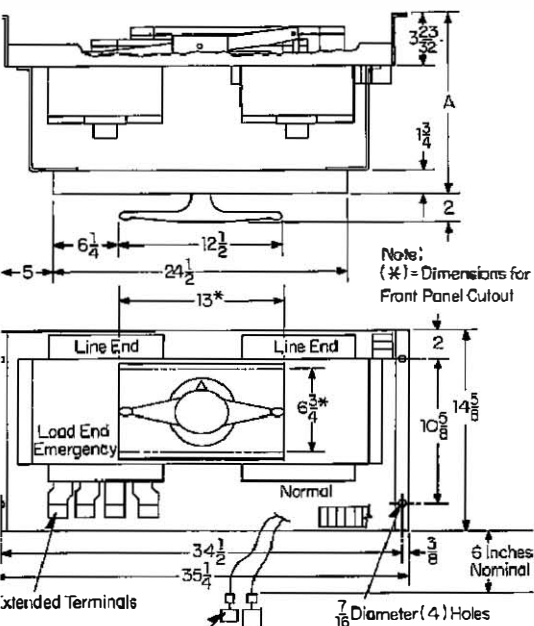
Over Surface - 2 Inches

\*A through air spacing of not less than ½ inch is acceptable (1) at main terminals and (2) between grounded dead metal and the neutral of a 277/480 Volt, 3 phase, 4 wire transfer switch.

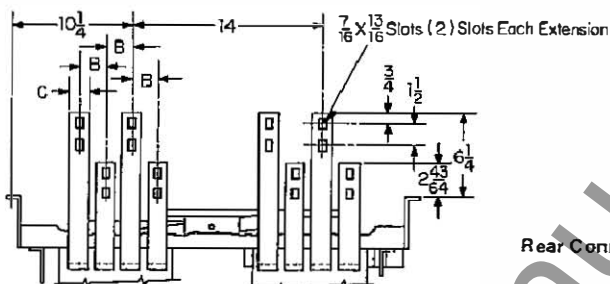
Reproduced From Drawing 2612D20

# Breaker Switch Mechanically Held, 4 Poles Automatic, Basic, Manual Type MTSS Single Handle Switches

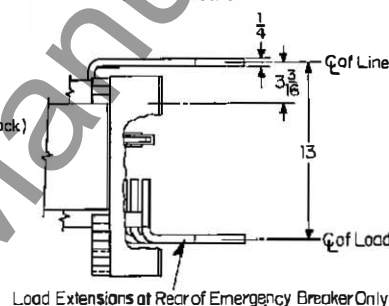
25-400 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



Rear Connected Switch



Rear Connected Switch

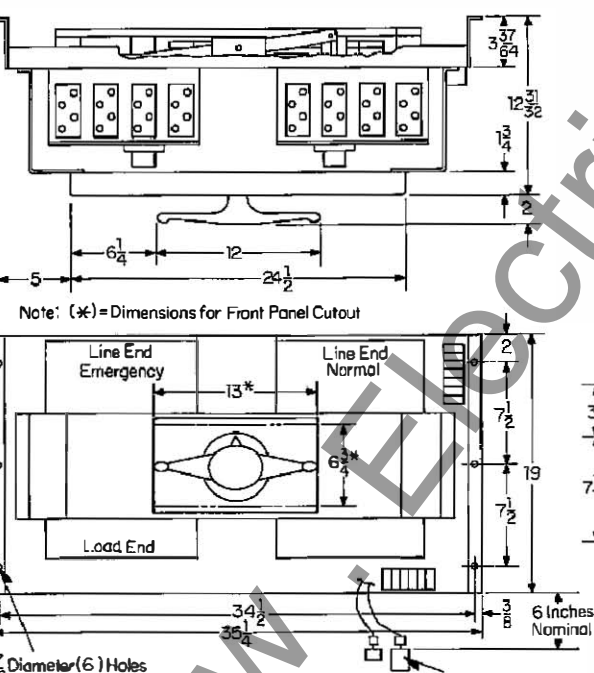


Use Only on Automatic and Basic Switches

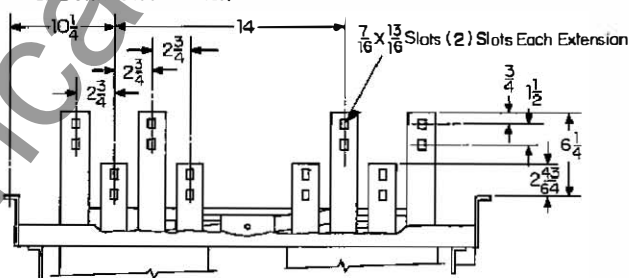
Reproduced From Drawing 2608D42

| Switch<br>Amp Rating | Switch Catalog Numbers |              |              | Dimensions, Inches  |                    |   |
|----------------------|------------------------|--------------|--------------|---------------------|--------------------|---|
|                      | Auto                   | Basic        | Manual       | A                   | B                  | C |
| 225                  | ATSBM40225-K           | BTBMB40225-K | MTSSM40225-K | 10 <sup>25/32</sup> | 1 <sup>25/32</sup> | 1 |
| 400                  | ATSBM40400-K           | BTBMB40400-K | MTSSM40400-K | 11 <sup>11/32</sup> | 2 <sup>3/4</sup>   | 2 |

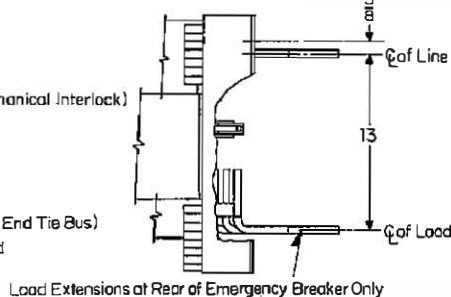
600-1000 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



Rear Connected Switch



Rear Connected Switch

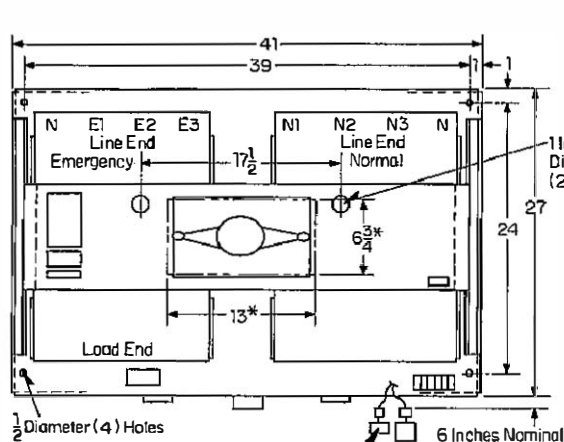


Use Only on Automatic and Basic Switches

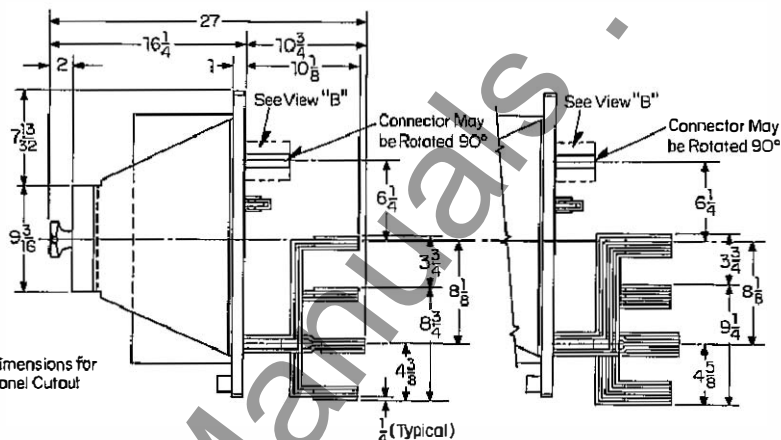
Reproduced From Drawing 2608D49

| Max.<br>Switch<br>Amps | Switch Catalog Numbers |                  |                   | Wire Range, No. and Type   |                                 |
|------------------------|------------------------|------------------|-------------------|----------------------------|---------------------------------|
|                        | Automatic<br>4 Poles   | Basic<br>4 Poles | Manual<br>4 Poles | Front Connected<br>(Cu/Al) | Rear Connected<br>Bus (Cu Only) |
| 600                    | ATSBM40600-K           | BTBMB40600-K     | MTSSM40600-K      | (3) 3/0 to 400 MCM         | .500 x 2 In.                    |
| 800                    | ATSBM40800-K           | BTBMB40800-K     | MTSSM40800-K      | (3) 3/0 to 400 MCM         | .500 x 2 In.                    |
| 1000                   | ATSBM41000-K           | BTBMB41000-K     | MTSSM41000-K      | (3) 3/0 to 400 MCM         | .500 x 2 In.                    |

**Breaker Switch Mechanically Held, 4 Poles, *Continued***  
Automatic, Basic, Manual Type MTSS Single Handle Switches  
**1200-2000 Amperes, Rear Bus Connection (Standard for Open Switch)**

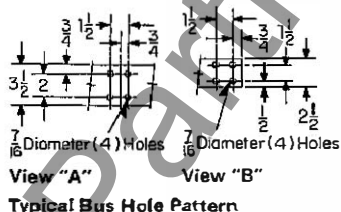
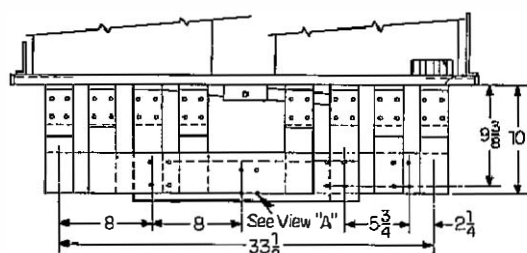


Use Only on Automatic and Basic Switches



### 1200 Amp Load Bus Connection

### 1600 and 2000 Amp Load Bus Connection

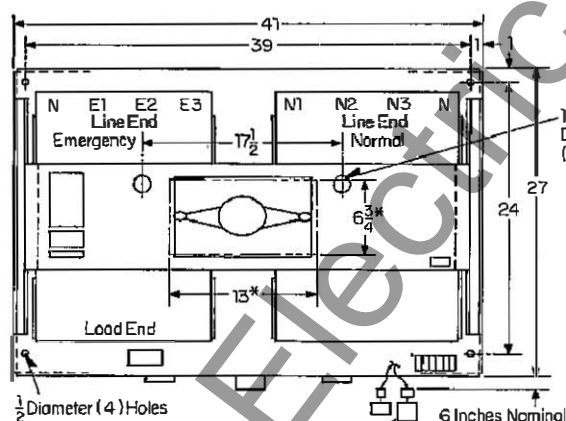


### Typical Bus Hole Pattern

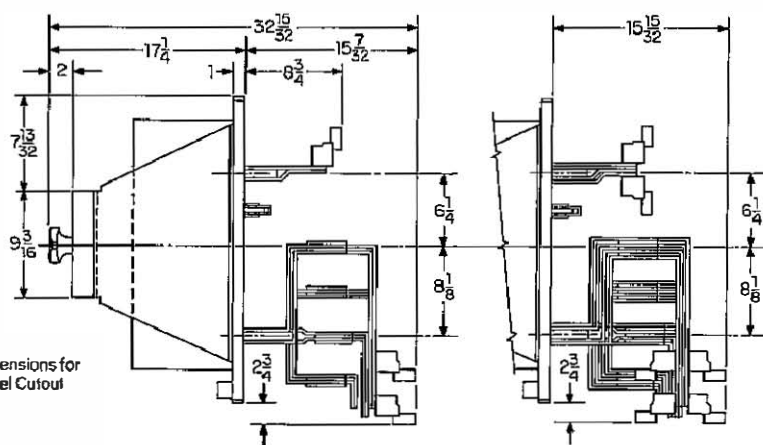
| Switch Amp. Rating | Switch Catalog Numbers |              |              |
|--------------------|------------------------|--------------|--------------|
|                    | Automatic              | Basic        | Manual       |
| 1200               | ATSBM41200-K           | BTSBM41200-K | MTSSM41200-K |
| 1600               | ATSBM41600-K           | BTSBM41600-K | MTSSM41600-K |
| 2000               | ATSBM42000-K           | BTSBM42000-K | MTSSM42000-K |

Reproduced From Drawing 2608D55

**1200-2000 Amperes, Rear Terminal Connection (Standard for Enclosed Switch)**

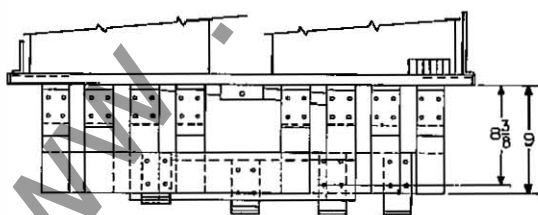


Use Only on Automatic and Basic Switches



### 1200 Amp Load Bus Connection

### 1600 and 2000 Amp Load Bus Connection

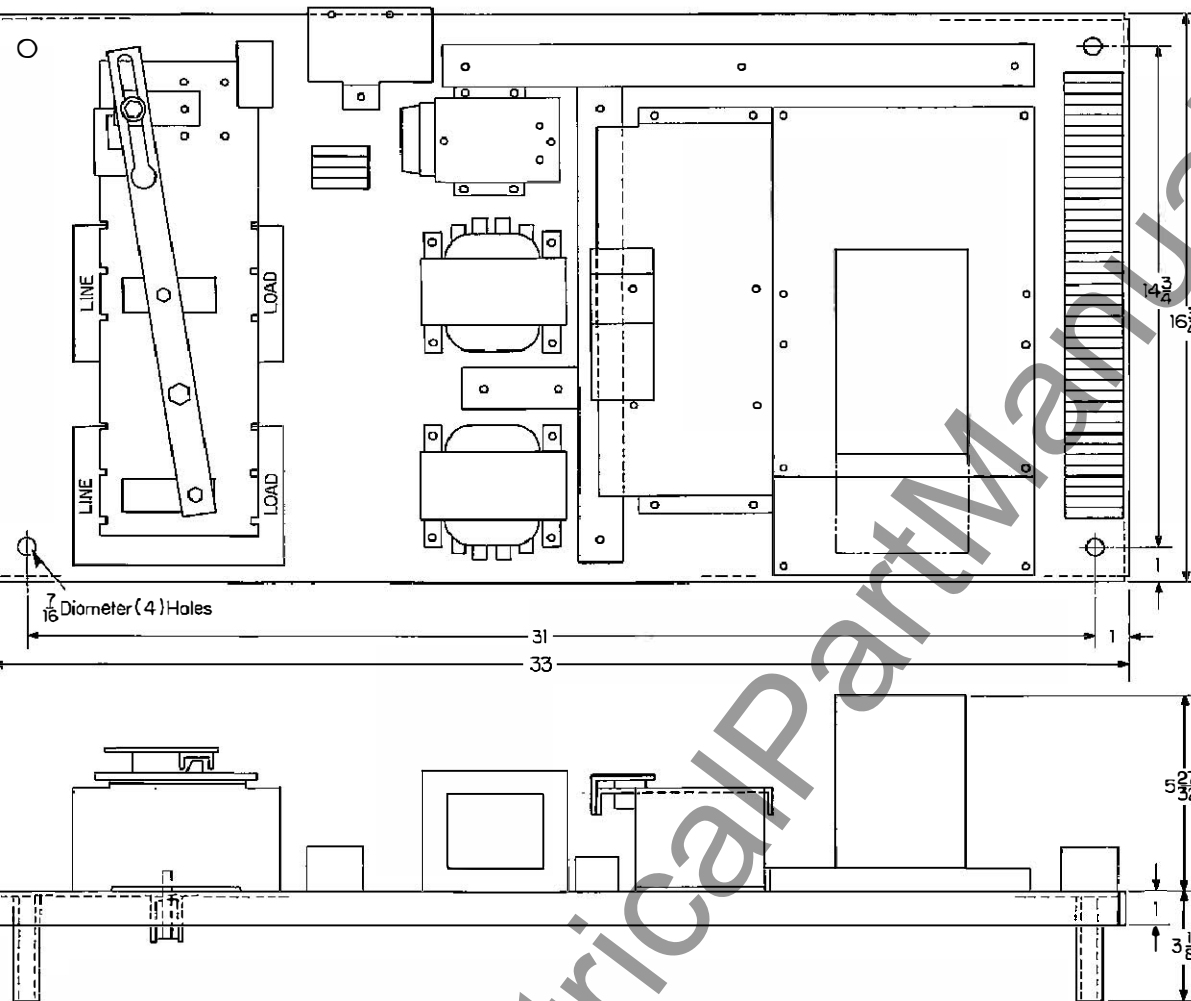


Reproduced From Drawing 2608D56

| Max. Switch Amps | Switch Catalog Numbers        |                           |                                               | Wire Range, No. and Type       |
|------------------|-------------------------------|---------------------------|-----------------------------------------------|--------------------------------|
|                  | Automatic Switches<br>4 Poles | Basic Switches<br>4 Poles | Manual Switches<br>(Single Handle)<br>4 Poles | Connectors Per Pole<br>(Al/Cu) |
| 1200             | ATSBM41200-K                  | BTsBM41200-K              | MTSSM41200-K                                  | (4) 4/0 to 500 MCM             |
| 1600             | ATSBM41600-K                  | BTsBM41600-K              | MTSSM41600-K                                  | (8) 4/0 to 500 MCM             |
| 2000             | ATSBM42000-K                  | BTsBM42000-K              | MTSSM42000-K                                  | (8) 4/0 to 500 MCM             |

**Breaker Switch Mechanically Held, 3 Poles**  
**Automatic Switch Only, Narrow Design**

100 Amperes

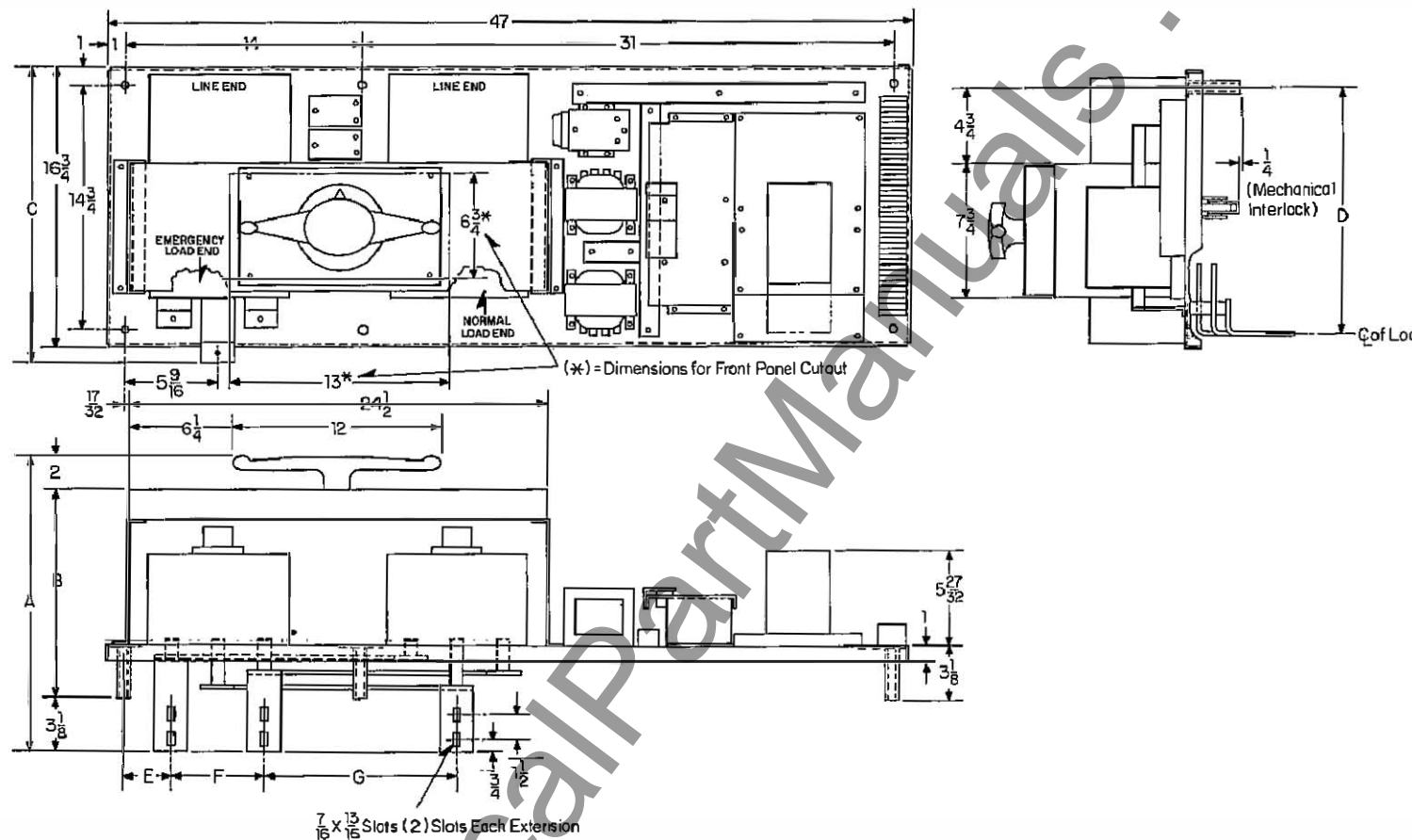


Reproduced From Drawing 1368D78



**Breaker Switch Mechanically Held, 3 Poles, Continued**  
Automatic Switch Only, Narrow Design

225-400 Amperes

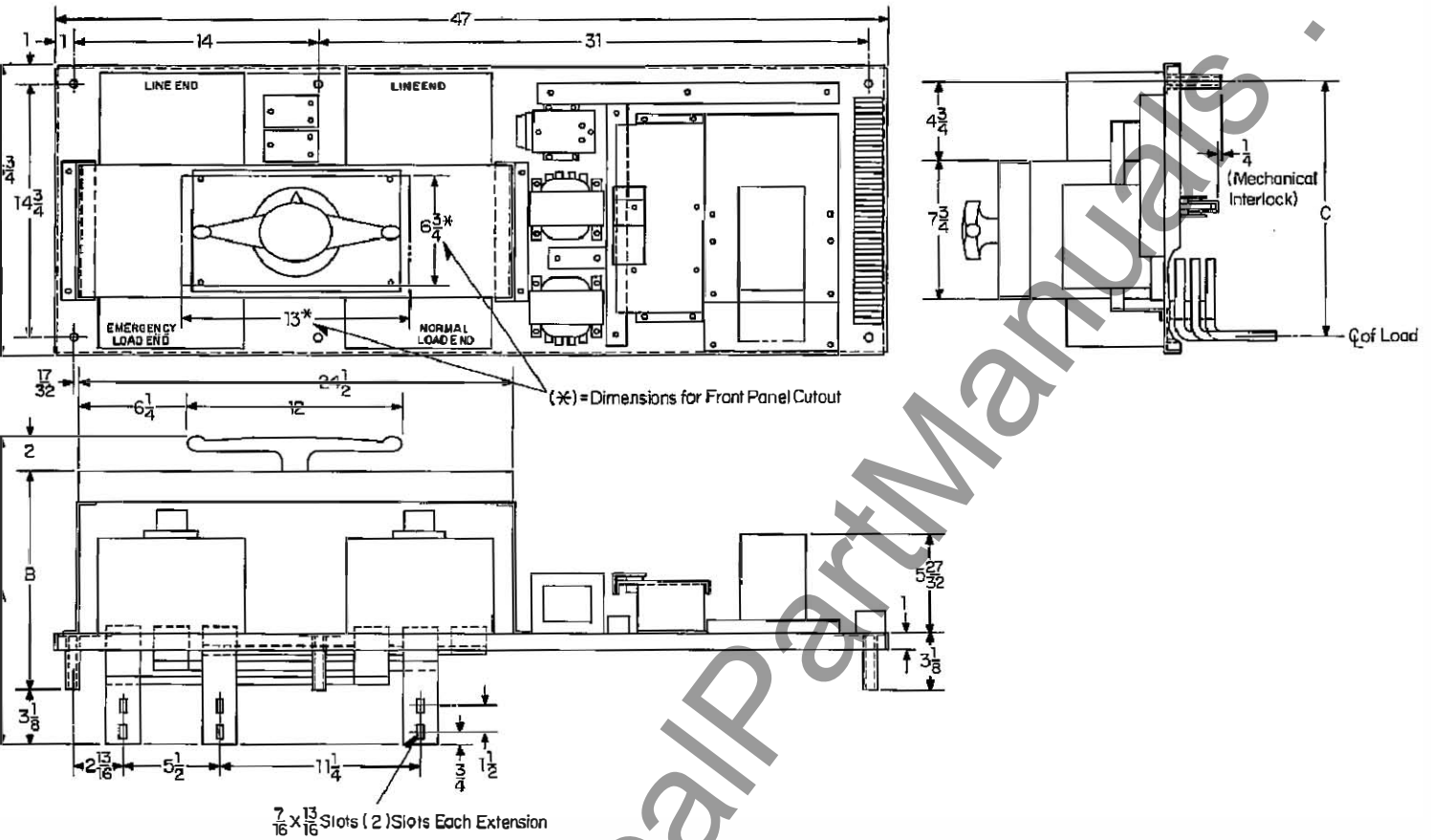


| Amperes<br>Maximum | Bkr. | Dimensions in Inches |        |          |           |         |        |         |  | Front Conn. (Line & Load)<br>Connector Range CU./AL | Rear Conn.<br>(Load) |
|--------------------|------|----------------------|--------|----------|-----------|---------|--------|---------|--|-----------------------------------------------------|----------------------|
|                    |      | A                    | B      | C        | D         | E       | F      | G       |  |                                                     |                      |
| 225                | KA   | 15 1/4               | 10 1/8 | 16 27/32 | 14 7 1/16 | 3 27/32 | 3 7/16 | 12 9/32 |  | 1-6 to 350 MCM                                      | 1/4 x 1"             |
| 400                | LA   | 15 3/8               | 10 3/8 | 17 1/2   | 14 3/8    | 2 13/16 | 5 1/2  | 11 1/4  |  | 2-250 to 500 MCM                                    | 1/4 x 2"             |

Reproduced From Drawing 2605D70

**Breaker Switch Mechanically Held, 3 Poles, Continued**  
**Automatic Switch Only, Narrow Design**

**100-1000 Amperes**



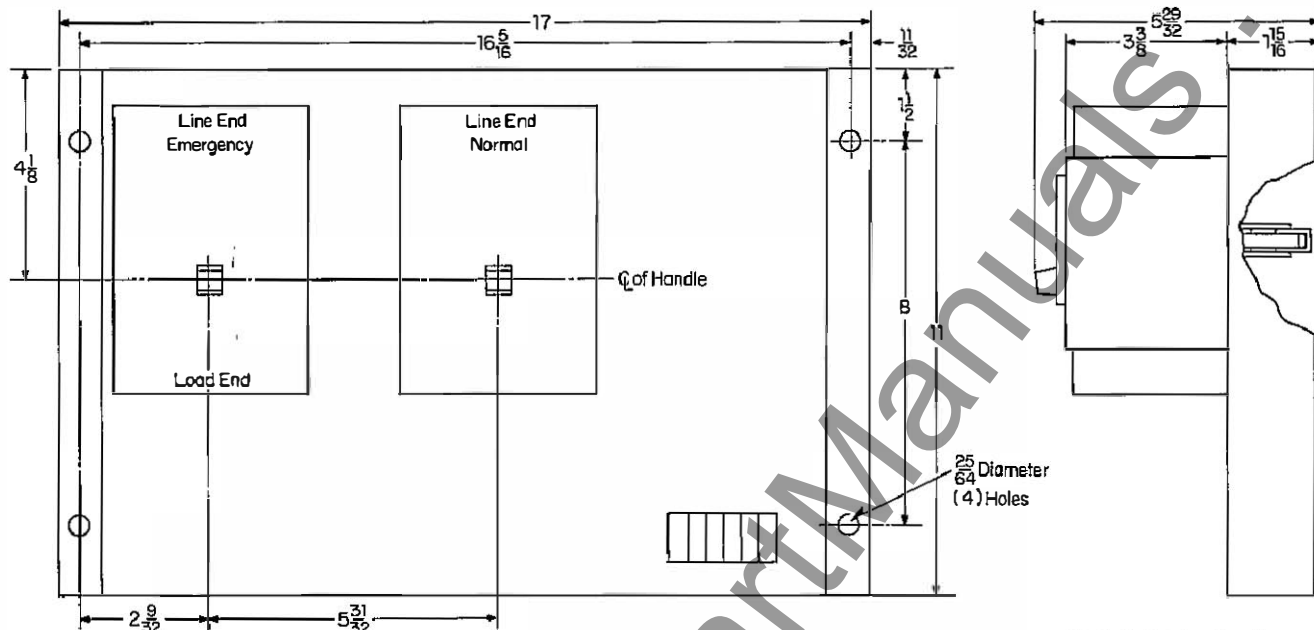
| Amperes<br>Maximum | Bkr. | Dimensions in Inches |        |          | Front Conn. (Line & Load)<br>Connector Range CU/AL | Rear Conn.<br>(Load) |
|--------------------|------|----------------------|--------|----------|----------------------------------------------------|----------------------|
|                    |      | A                    | B      | C        |                                                    |                      |
| 100                | MA   | 16 1/2               | 11 3/8 | 14 11/32 | 2- #1 to 300 MCM                                   | 5/16 x 2"            |
| 100 & 1000         | NB   | 17 5/8               | 12 1/2 | 14 5/8   | 3- 3/0 to 400 MCM                                  | 1/2 x 2"             |

Produced From Drawing 2605D79



**Type MTSD Dual Handle Switch, 2, 3 and 4 Poles**  
Manual Switch Only

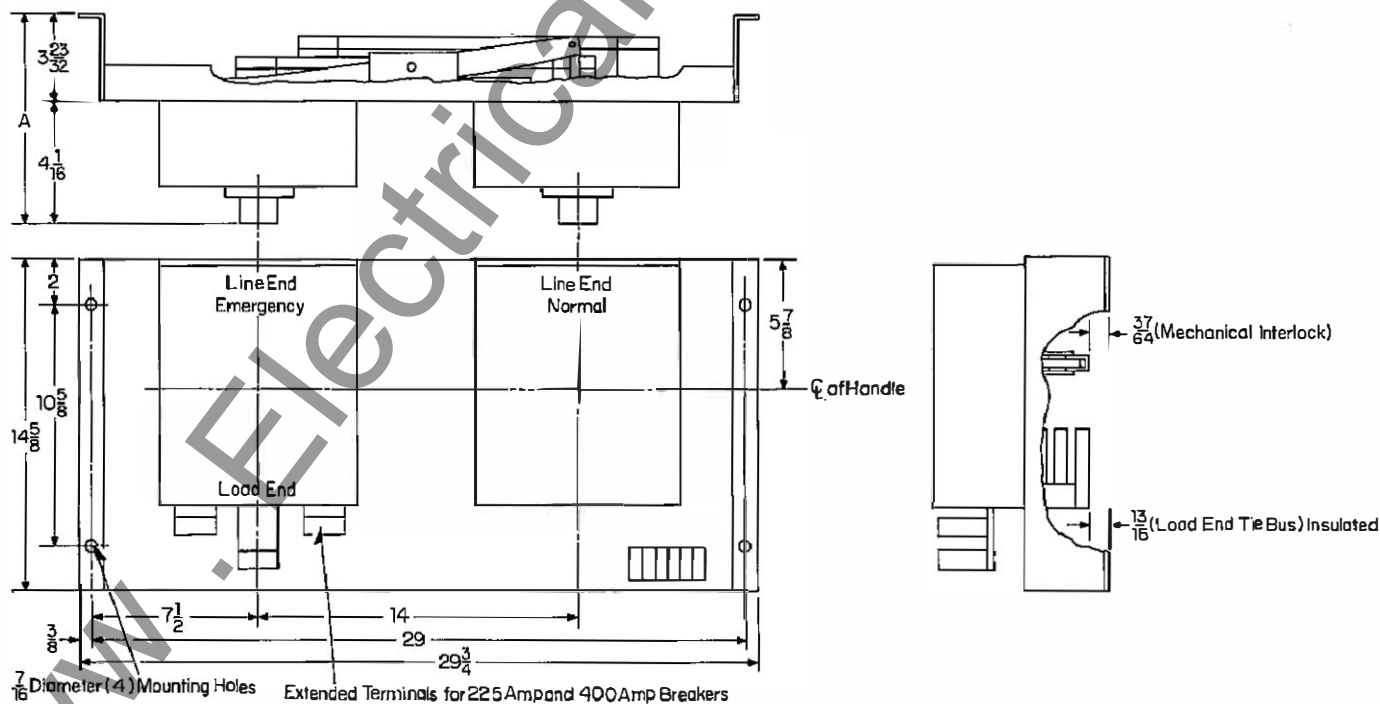
### 100 Amperes, 2, 3, and 4 Poles



Reproduced From Drawing 1260C79

| Switch<br>Amp Rating | Switch Catalog Numbers |              | Wire Range<br>Al/Cu |
|----------------------|------------------------|--------------|---------------------|
|                      | 2 Poles                | 3 Poles      |                     |
| 100                  | MTSDM20100-K           | MTSDM30100-K | # 12 to 1/0         |

**225-400 Amperes, 2 and 3 Poles, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)**

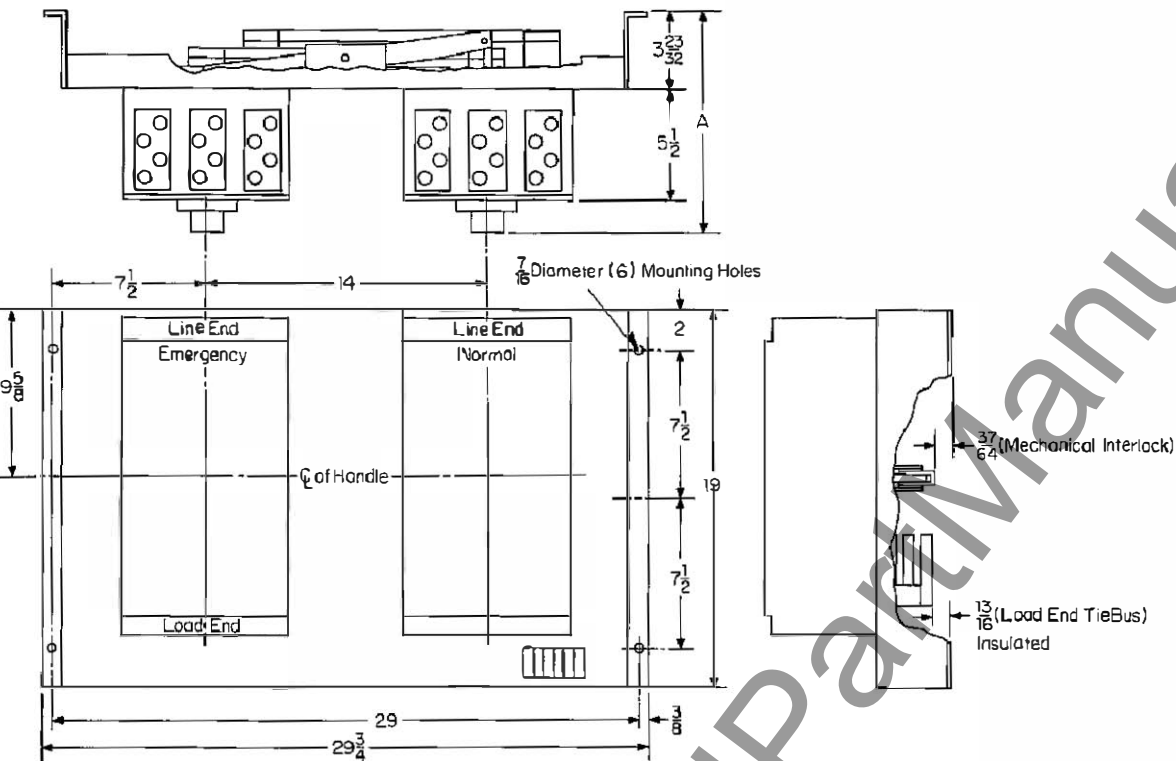


Reproduced From Drawing 2607D36

| Switch<br>Amp Rating | Switch Catalog Numbers |              | Wire Range, No., Type        | Dim.              |
|----------------------|------------------------|--------------|------------------------------|-------------------|
|                      | 2 Poles                | 3 Poles      | Front Connected              | A                 |
| 225                  | MTSDM20225-K           | MTSDM30225-K | (1) #6 to 350 MCM Al/Cu      | 8 <sup>9/32</sup> |
| 400                  | MTSDM20400-K           | MTSDM30400-K | (2) 250 MCM to 500 MCM Al/Cu | 9 <sup>1/2</sup>  |

**Type MTSD Dual Handle Switch, 2 and 3 Poles**  
Manual Switch Only

600-1000 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)

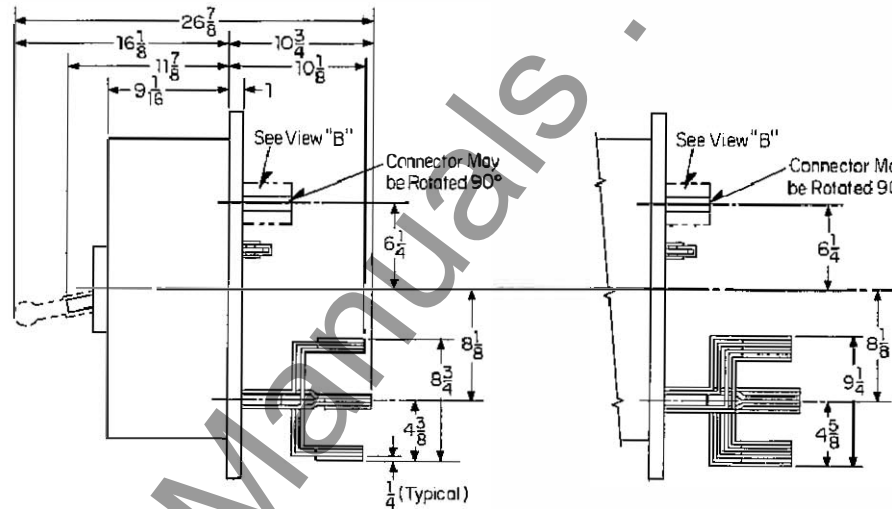
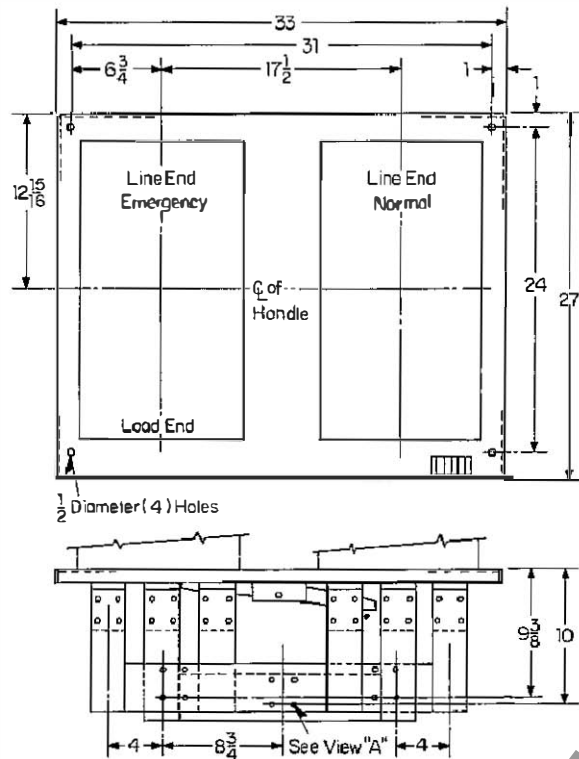


| Switch<br>Amp Rating | Switch Catalog Number |              | Wire Range, No., Type<br>Front Connected | Dim.<br>A |
|----------------------|-----------------------|--------------|------------------------------------------|-----------|
|                      | 2 Pole                | 3 Pole       |                                          |           |
| 600                  | MTSDM20600-K          | MTSDM30600-K | (2) #1 to 500 MCM Al/Cu                  | 6 1/4     |
| 800                  | MTSDM20800-K          | MTSDM30800-K | (3) 3/0 to 400 MCM Al/Cu                 | 7 1/4     |
| 1000                 | MTSDM21000-K          | MTSDM31000-K | (3) 3/0 to 400 MCM Al/Cu                 | 7 3/4     |

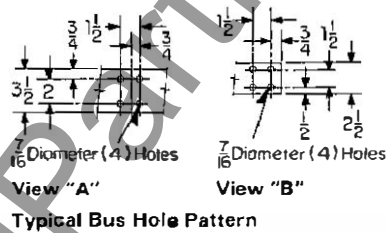
Reproduced From Drawing 2607D38

**Type MTSD Dual Handle Switch, 2 and 3 Poles, *Continued***  
**Manual Switch Only**

### 1 200-2000 Amperes, Rear Bus Connection



## 1200 Amp Load Bus Connection

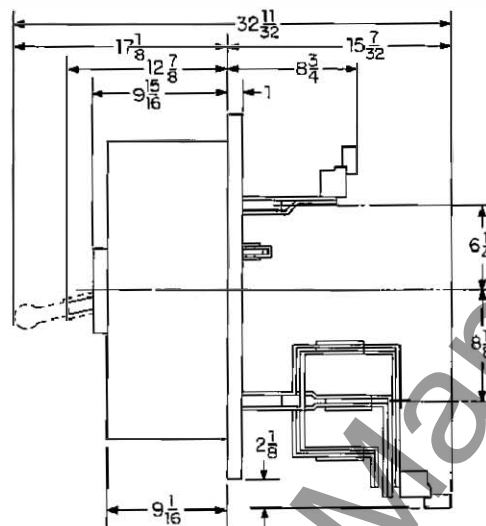
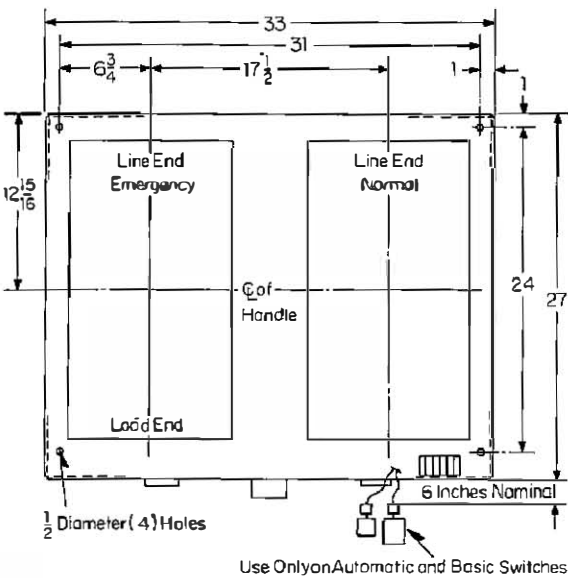


### 1600 and 2000 Amp Load Bus Connect

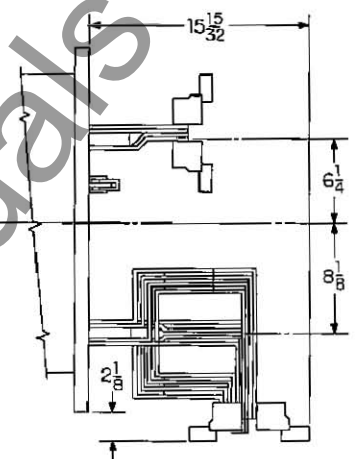
Reproduced From Drawing 2607D40

Type MTSD Dual Handle Switch, 2 and 3 Poles, *Continued*  
Manual Switch Only

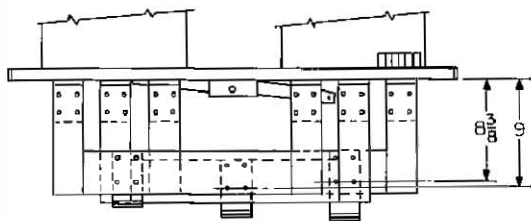
1200-2000 Amperes, Rear Terminal Connection (Standard for Enclosed Switch)



1200 Amp Load Bus Connection



2000 Amp Load Bus Connection

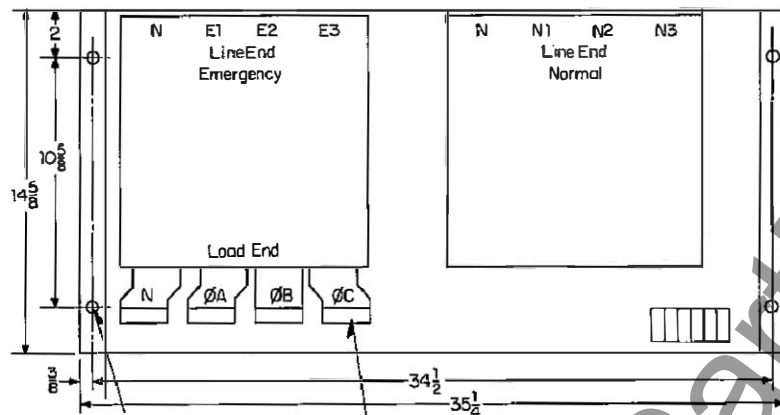
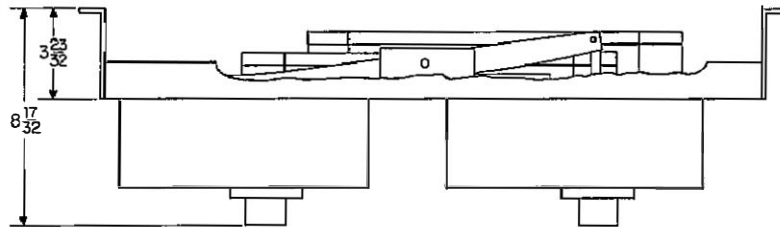


Reproduced From Drawing 2612D81



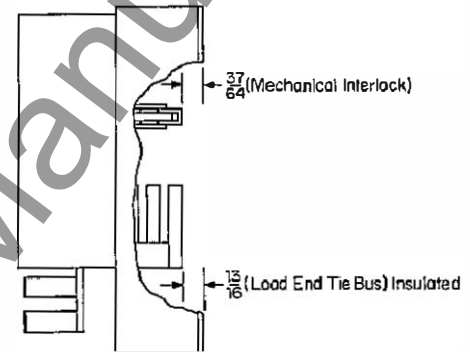
**Type MTSD Dual Handle Switch, 4 Poles**  
**Manual Switch Only**

**225 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)**



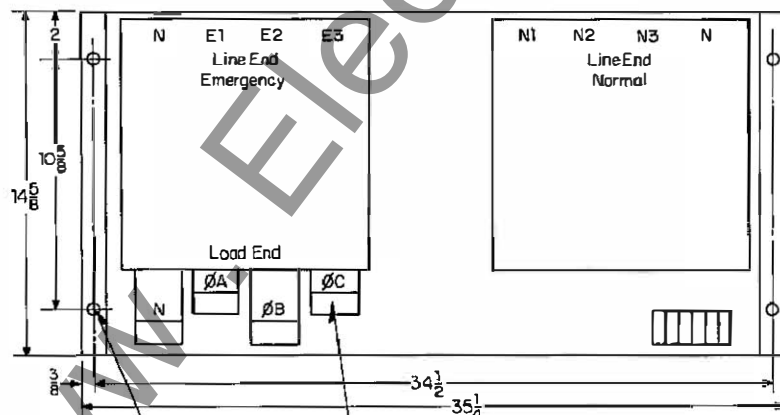
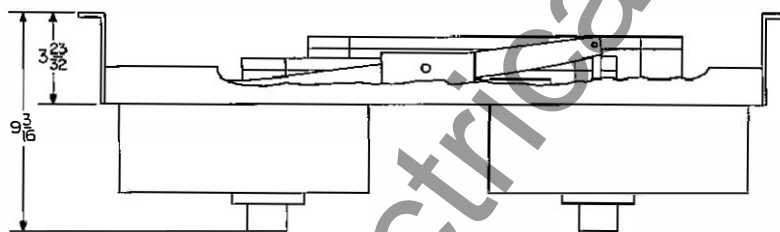
7/16" Diameter (4) Mounting Holes  
Extended Terminals for 225 Amp and 400 Amp Breakers

Reproduced From Drawing 2613D95



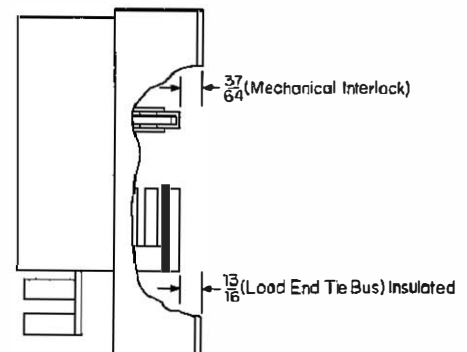
| Switch Catalog No. | Wire Range, No. and Type Front Connected |
|--------------------|------------------------------------------|
| MTSDM40225-K       | (1) # 6 to 350 MCM Al/Cu                 |

**400 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)**



7/16" Diameter (4) Mounting Holes  
Extended Terminals for 225 Amp and 400 Amp Breakers

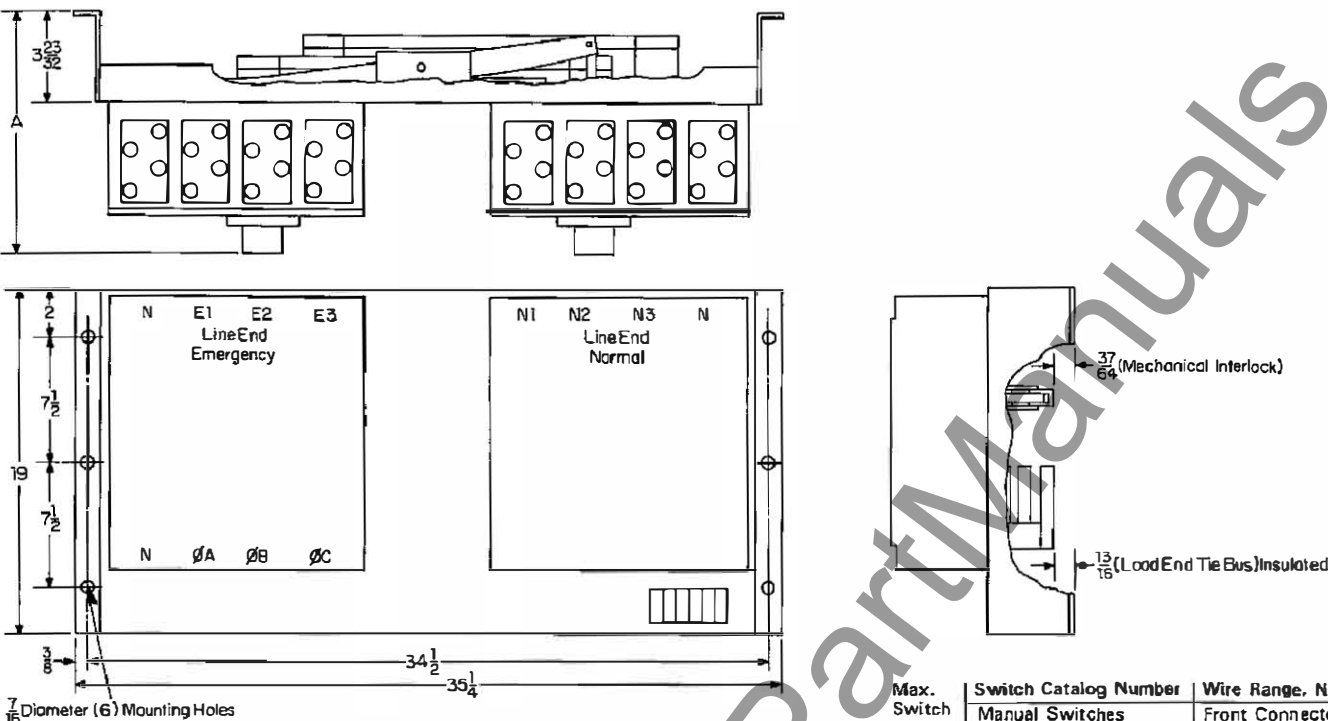
Reproduced From Drawing 2613D96



| Switch Catalog No. | Wire Range, No. and Type Front Connected |
|--------------------|------------------------------------------|
| MTSDM40400-K       | (2) 250 MCM to 500 MCM Al/Cu             |

**Type MTSD Dual Handle Switch, 4 Poles, Continued**  
Manual Switch Only

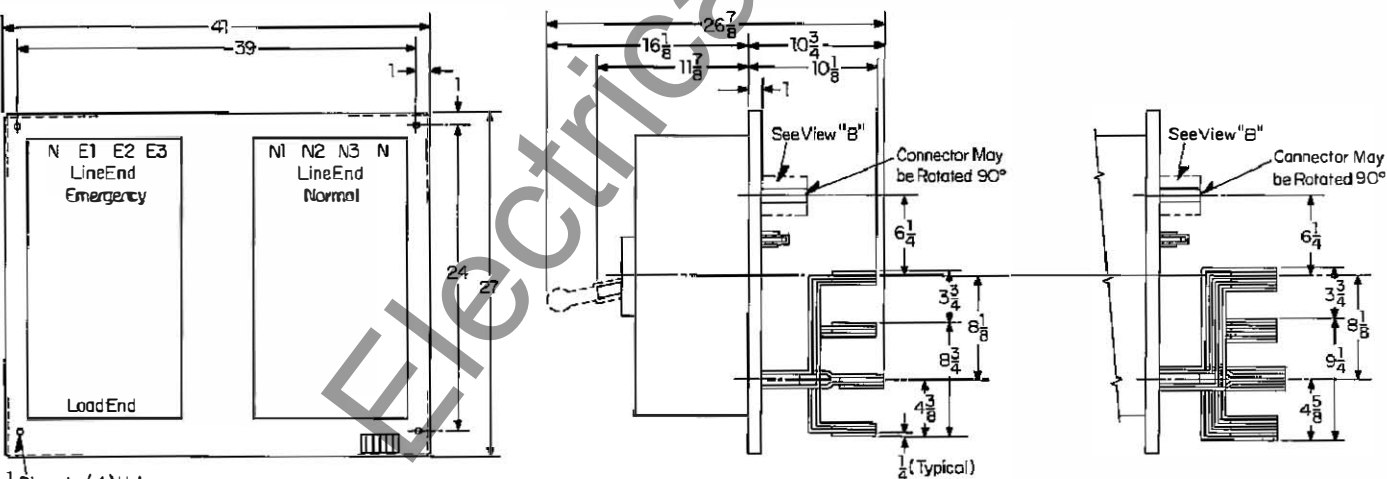
600-1000 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



Reproduced From Drawing 2613D97

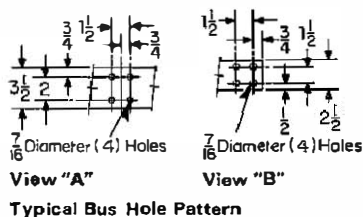
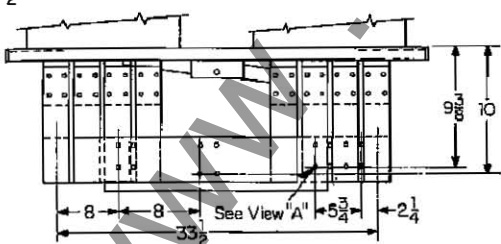
| Max.<br>Switch<br>Amps | Switch Catalog Number      | Wire Range, No. and Type   | Dim<br>A |
|------------------------|----------------------------|----------------------------|----------|
|                        | Manual Switches<br>4 Poles | Front Connected<br>(Al/Cu) |          |
| 600                    | MTSDM40600-K               | (2) #1 to 500 MCM          | 6 1/8    |
| 800                    | MTSDM40800-K               | (3) 3/0 to 400 MCM         | 7 1/8    |
| 1000                   | MTSDM41000-K               | (3) 3/0 to 400 MCM         | 7 1/8    |

1200-2000 Amperes, Rear Bus Connection (Standard for Open Switch)



1200 Amp Load Bus Connection

1600 and 2000 Amp Load Bus Connection

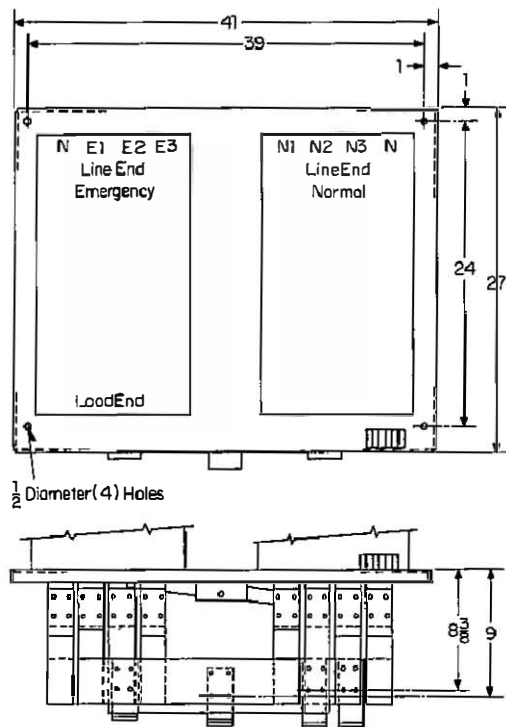


Reproduced From Drawing 2613D98

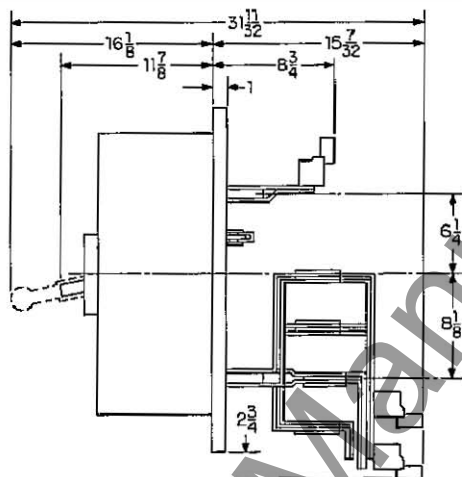


**Type MTSD Dual Handle Switch, 4 Poles, Continued**  
Manual Switch Only

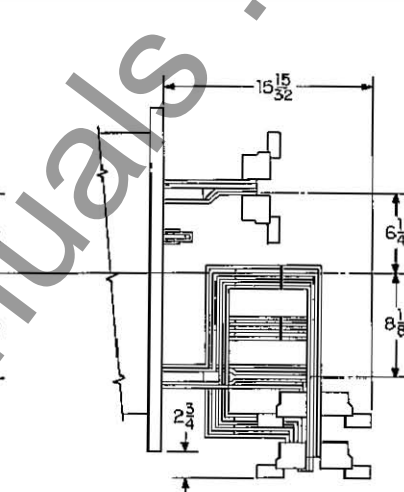
**1200-2000 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)**



Reproduced From Drawing 2613D99



1200 Amp Load Bus Connection

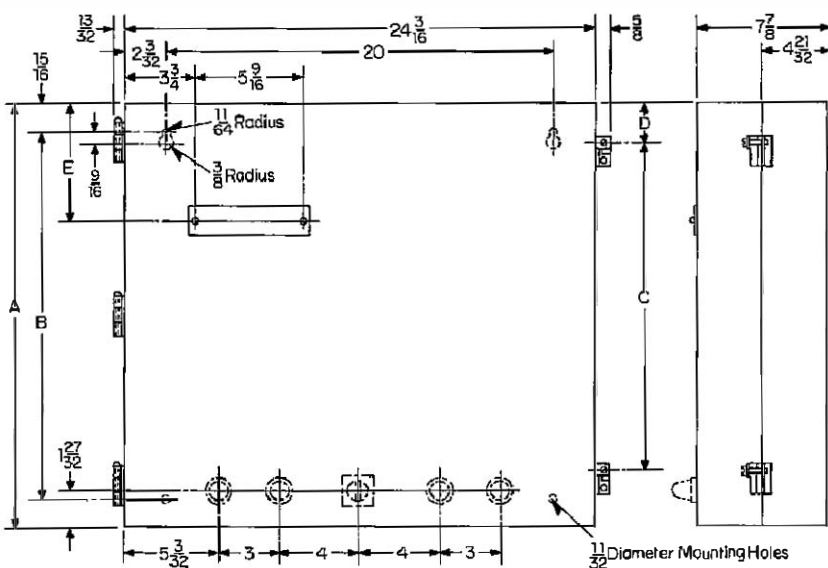


1600 and 2000 Amp Load Bus Connection

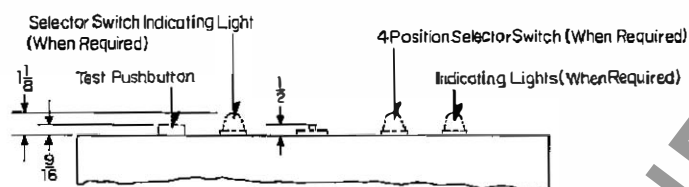
| Max.<br>Switch<br>Amps | Switch Catalog Numbers     | Wire Range, No. and Type    |
|------------------------|----------------------------|-----------------------------|
|                        | Manual Switches<br>4 Poles | Connectors Per Pole (Al/Cu) |
| 1200                   | MTSDM41200-K               | (4) 4/0 to 500 MCM          |
| 1600                   | MTSDM41600-K               | (8) 4/0 to 500 MCM          |
| 2000                   | MTSDM42000-K               | (8) 4/0 to 500 MCM          |

# Enclosures for Automatic and Basic Switches

Contactor Switch, 30-100 Amperes, 2 and 3 Pole



Note: Used for Automatic and Basic Switches.



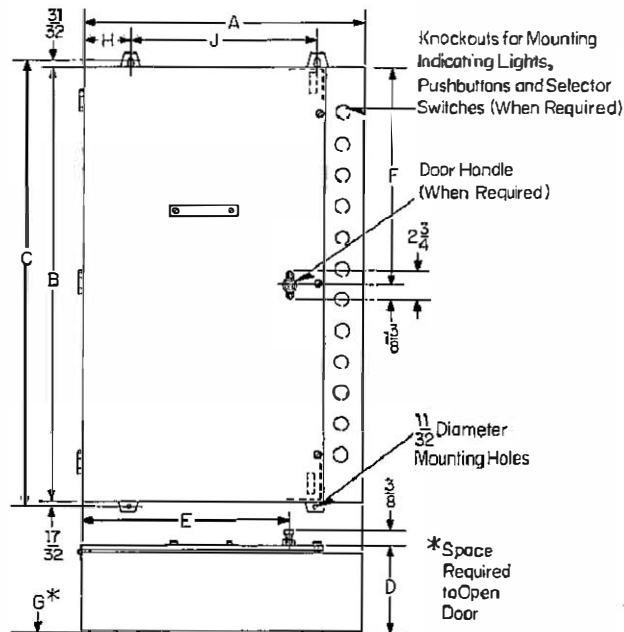
| Switch<br>Voltage, Ac | Dimensions |        |    |       |       |
|-----------------------|------------|--------|----|-------|-------|
|                       | A          | B      | C  | D     | E     |
| 120, 208, 240         | 24 7/16    | 21 1/8 | 18 | 2 1/2 | 6 1/2 |
| 480, 600              | 32 3/16    | 29 1/8 | 22 | 4 1/2 | 8 1/2 |

Reproduced From Drawing 2609D77

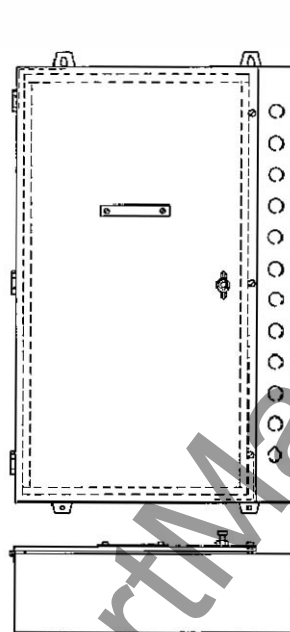


# Enclosures for Automatic, Basic and Manual Switches

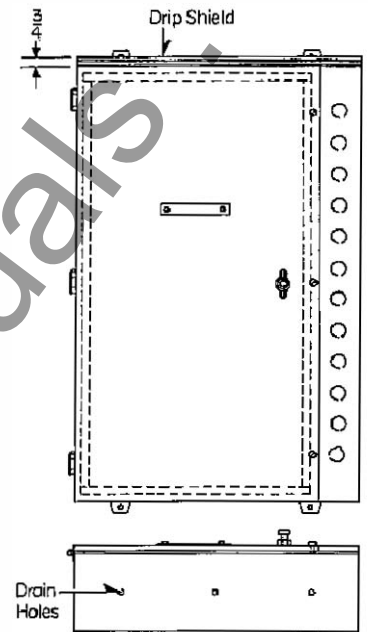
## Breaker Switch, 100-1000 Amperes, 2, 3, 4 Poles



NEMA 1



NEMA 12 (Otherwise Same as NEMA 1)

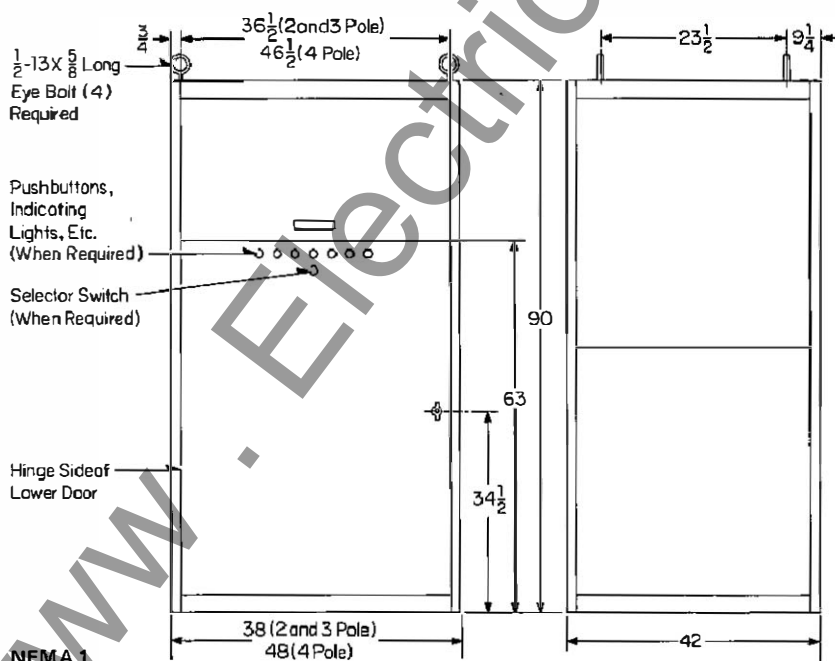


NEMA 3R (Otherwise Same as NEMA 12)

| Switch<br>Amp Rating | No. of<br>Poles | Dimensions, Inches |    |        |        |          |          |        |       |        |
|----------------------|-----------------|--------------------|----|--------|--------|----------|----------|--------|-------|--------|
|                      |                 | A                  | B  | C      | D      | E        | F        | G      | H     | J      |
| 100                  | 3               | 27                 | 42 | 43 1/2 | 8 3/4  | 19 59/64 | 21 15/64 | 31     | 4 1/2 | 18     |
| 225, 400             | 3               | 38                 | 49 | 50 1/2 | 14 7/8 | 30 59/64 | 24 49/64 | 48 1/4 | 10    | 18     |
| 600, 1000            | 3               | 38                 | 59 | 60 1/2 | 16 3/8 | 30 59/64 | 29 49/64 | 49 3/4 | 10    | 18     |
| 225, 400             | 4               | 43 1/2             | 49 | 50 1/2 | 14 7/8 | 36 27/64 | 24 49/64 | 53 3/4 | 10    | 23 1/2 |
| 600, 1000            | 4               | 43 1/2             | 59 | 60 1/2 | 16 3/8 | 36 27/64 | 29 49/64 | 53 3/4 | 10    | 23 1/2 |

Reproduced From Drawing 2604D66

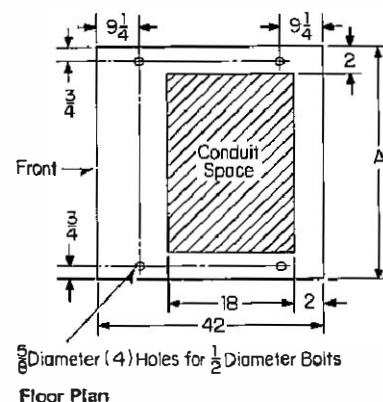
## Breaker Switch, 1200-2000 Amperes, 2, 3, 4 Poles



NEMA 1

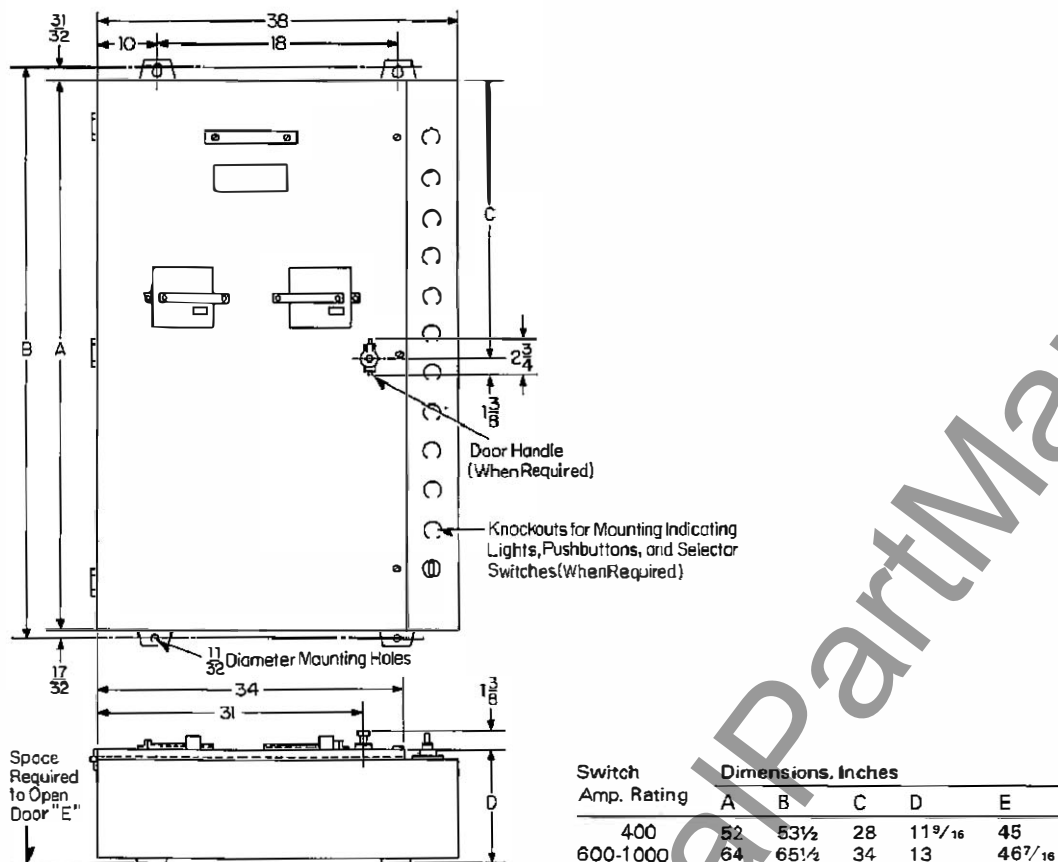
Reproduced From Drawing 1271 C53

Note:  
Used for Automatic,  
Manual and Basic Switches.



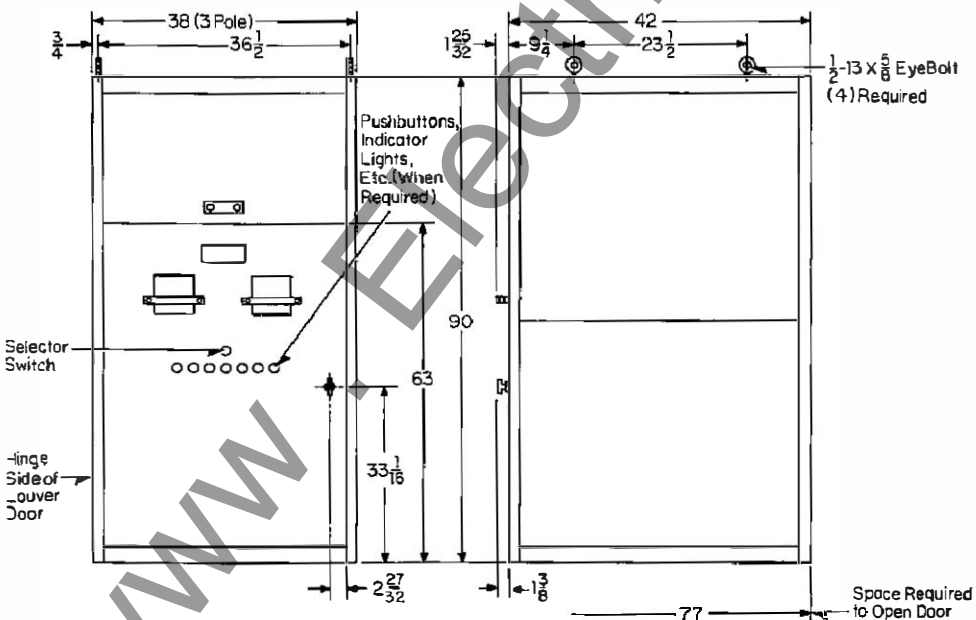
# **NEMA 1 Enclosures for Automatic Switches** Suitable for Use as Service Equipment

## **Breaker Switch, 400-1000 Amperes, 3 Poles**



Reproduced From Drawing 1279C79

## **Breaker Switch, 1200-3000 Amperes, 3 Poles**



Reproduced From Drawing 1279C80



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