

# Type CDM 35/64" (13.86mm) Center-to-Center Spacing

High Voltage/Current

BARRIER STYLE



## Features:

- **Versatile Medium Power Terminal Blocks** – Designed for surface mount; power and control applications requiring a wide range of terminal variations.
- **Sectional Thru-Bolt Construction** – Available in one thru 50 terminals on 35/64" center-to-center spacing. Rated 30A/600V for Type CDM.
- **Durable Break-Resistant Thermoplastic Moldings**
- **Wire Sizes** – Type CDM features brass terminal bar with two No. 10-32 washer-head screws. UL recognized for No. 22AWG to No. 10AWG.
- **Easy Circuit Identification Design** – Barrer-type terminals are furnished with a white fiber marking strip.
- **Recognition and Listing** – Various terminal types are UL recognized and CSA certified

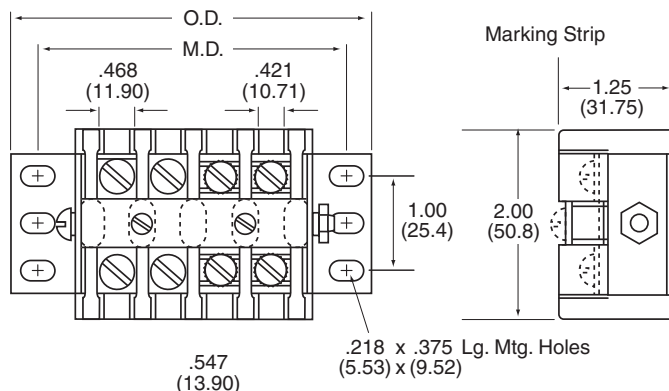
## Type CDM Terminal Designation



**CDM** brass terminal bar with two No. 10-32 washer-head screws accepting wire up to No. 10AWG. Rated 30A.

## Type CDM Dimensions

NOTE: mm dim. are shown in parentheses



## Specifications:

**Center-to-Center Spacing:** 35/64" (13.86mm)

### Wire Range:

CDM: UL Recognized for 22AWG to No. 10AWG

**No. of Terminals:** 1 thru 50

**Voltage Rating:** CSA & UL: 600V

**Tightening Torque:** 35 in.-lb.

**Current Rating:** CDM: 30 amps, UL and CSA.

### Housing:

|                      |                                |
|----------------------|--------------------------------|
| Material             | Thermoplastic-polyester        |
| Continuous Use       |                                |
| Temp. (UL Index)     | 130°C (266°F)                  |
| Flammability Rating  | 94V-0                          |
| Water Absorption     |                                |
| (24 hrs. % wt. gain) | 0.7%                           |
| Chemical Resistance  | Excellent in most environments |

### Breakdown Voltage: CDM

|                     |              |
|---------------------|--------------|
| Terminal - Terminal | 9,600V Typ.  |
| Terminal - Ground   | 10,800V Typ. |

Note: Specifications contained herein are subject to change without notice.



Recognized under the Components Program of Underwriters Laboratories, Inc. Standard 1059, Guide No. XCFR2, File No. E62557.



Guide No. 184-N-90, Report No. LR39186-1.

| Number of Terminals | Mounting Dimensions |             | Overall Dimensions |             |
|---------------------|---------------------|-------------|--------------------|-------------|
|                     | Inches              | Metric (mm) | Inches             | Metric (mm) |
| 1                   | 1.625               | 42.48       | 2.346              | 59.59       |
| 2                   | 2.220               | 56.38       | 2.896              | 73.56       |
| 3                   | 2.767               | 70.28       | 3.441              | 87.40       |
| 4                   | 3.314               | 84.18       | 3.988              | 101.30      |
| 5                   | 3.861               | 98.08       | 4.535              | 115.19      |
| 6                   | 4.409               | 111.98      | 5.083              | 129.11      |
| 7                   | 4.956               | 125.88      | 5.630              | 143.00      |
| 8                   | 5.503               | 139.78      | 6.177              | 156.90      |
| 9                   | 6.050               | 153.68      | 6.724              | 170.79      |
| 10                  | 6.598               | 167.58      | 7.272              | 184.71      |

Dimensions shown are ± 0.030"

| Number of Terminals | Mounting Dimensions |             | Overall Dimensions |             |
|---------------------|---------------------|-------------|--------------------|-------------|
|                     | Inches              | Metric (mm) | Inches             | Metric (mm) |
| 11                  | 7.145               | 181.48      | 7.819              | 198.60      |
| 12                  | 7.692               | 195.38      | 8.366              | 212.50      |
| 13                  | 8.239               | 209.28      | 8.913              | 226.39      |
| 14                  | 8.787               | 223.18      | 9.461              | 240.31      |
| 15                  | 9.334               | 237.08      | 10.008             | 254.20      |
| 16                  | 9.881               | 250.98      | 10.555             | 268.10      |
| 17                  | 10.428              | 264.88      | 11.102             | 281.99      |
| 18                  | 10.976              | 278.78      | 11.650             | 295.91      |
| 19                  | 11.523              | 292.68      | 12.197             | 309.80      |
| 20                  | 12.070              | 306.58      | 12.744             | 323.70      |
| 21                  | 12.617              | 320.48      | 13.291             | 337.59      |
| 22                  | 13.165              | 334.38      | 13.839             | 351.51      |
| 23                  | 13.712              | 348.28      | 14.386             | 365.40      |
| 24                  | 14.259              | 362.18      | 14.933             | 379.30      |
| 25                  | 14.806              | 376.08      | 15.480             | 393.19      |
| 26                  | 15.354              | 389.98      | 16.028             | 407.11      |
| 27                  | 15.901              | 403.88      | 16.575             | 421.01      |
| 28                  | 16.448              | 417.78      | 17.122             | 434.90      |
| 29                  | 16.995              | 431.68      | 17.669             | 448.79      |
| 30                  | 17.543              | 445.58      | 18.217             | 462.71      |
| 31                  | 18.090              | 459.48      | 18.764             | 476.61      |
| 32                  | 18.637              | 473.38      | 19.311             | 490.50      |
| 33                  | 19.184              | 487.28      | 19.858             | 504.39      |
| 34                  | 19.732              | 501.18      | 20.406             | 518.31      |
| 35                  | 20.279              | 515.08      | 20.953             | 532.21      |
| 36                  | 20.826              | 528.98      | 21.500             | 546.10      |
| 37                  | 21.373              | 542.88      | 22.047             | 559.99      |
| 38                  | 21.921              | 556.78      | 22.595             | 573.91      |
| 39                  | 22.468              | 570.68      | 23.142             | 587.81      |
| 40                  | 23.015              | 584.58      | 23.689             | 601.70      |
| 41                  | 23.562              | 598.48      | 24.236             | 615.59      |
| 42                  | 24.110              | 612.38      | 24.784             | 629.51      |
| 43                  | 24.657              | 626.28      | 25.331             | 643.41      |
| 44                  | 25.204              | 640.18      | 25.878             | 657.30      |
| 45                  | 25.751              | 654.08      | 26.425             | 671.20      |
| 46                  | 26.299              | 667.98      | 26.973             | 685.11      |
| 47                  | 26.846              | 681.88      | 27.520             | 699.01      |
| 48                  | 27.393              | 695.78      | 28.067             | 712.90      |
| 49                  | 27.940              | 709.68      | 28.614             | 726.80      |
| 50                  | 28.488              | 723.50      | 29.162             | 740.71      |

Dimensions shown are  $\pm 0.030$ "

## How to Order

Type CDM terminal blocks are ordered by listing a composite number made up of the model designation followed by the number of poles required for the application. Example: 10-pole terminal block becomes stock number CDM-10.

### Series CDM Accessories

#### MARKING STRIPS

Two cover styles. Hinged cover of 3/16" thick black bakelite pivoting from special end brackets provide ready access to block. Factory-assembled and available only with original terminal block order. Plain cover of 1/16" thick black bakelite is permanently positioned to block with two screws. Factory-assembled or customer-installed.

To order, specify:

CDM (Plain) – Part No. 265A61 – 1 thru 50 terminals

CDM (Hinged) – Part No. 265A67 – 1 thru 50 terminals

#### JUMPERS

Cooper jumper rated 30A. Designed to fold over barrier to connect adjacent terminals. To order, specify:

Part No. 523-A91