

# CMBA/CLBA-Series

## Auto-Reset Thermal Circuit Protectors

The CMBA/CLBA-Series feature automatic cycling and resetting thermal protection capabilities with the same performance as its traditional push-to-reset counterparts.

### Ratings:

CMBA: 3 to 20A, 125-250VAC, 32VDC

CLBA: 3 to 40A, 125-250VAC, 32VDC

### Approvals:

UL, CUL, TUV

### Dielectric Strength:

2500 VAC/1 minute

### Interrupting Capacity:

2500 amps @ 32 VDC

### Insulation Resistance:

100M ohms

### Operating Temperature:

-10°C to 60°C

### Voltage Drop:

< 0.25 V

### Applications:

Household Appliances

Transportation

Power Strips

Medical Equipment

Audio Visual Equipment

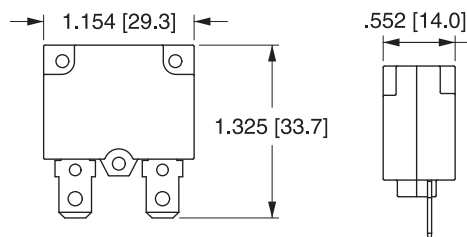
Power Supplies

**ROHS Compliant**

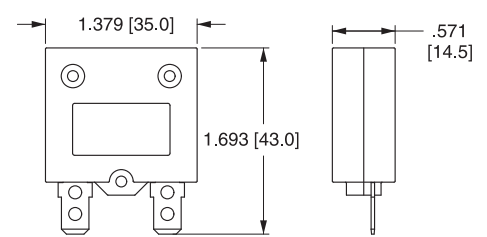


### Dimensional Specifications

CMBA Construction



CLBA Construction



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Innovative Designs. Powerful Solutions.

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**CMBA** - **10** **3** - **NN** **F** **N** **N** - **B** - **A**

1 Series      2 Rating      3 Voltage      4 Mounting      5 Bushing      6 Mounting Nut      7 Indicator Plate      8 Button Color      9 Terminal      10 Plug Marking

**1 SERIES**  
CMBA

**2 RATING<sup>2</sup>**

<b>03</b> 3 amp	<b>10</b> 10 amp
<b>04</b> 4 amp	<b>12</b> 12 amp
<b>05</b> 5 amp	<b>13</b> 13 amp
<b>06</b> 6 amp	<b>15</b> 15 amp
<b>07</b> 7 amp	<b>18</b> 18 amp
<b>08</b> 8 amp	<b>20</b> 20 amp

**3 VOLTAGE**

**3** 125-250VAC/ 32 VDC

**4 MOUNTING**

**NN** Plug In

**5 BUSHING**

**F** None

**6 MOUNTING NUT**

**N** N/A

**7 INDICATOR PLATE**

**N** N/A

**8 BUTTON COLOR**

**B** Flush Black

**9 TERMINAL**

**A** Type A



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**10 BUTTON MARKING<sup>1</sup>** (IF BLANK, NO MARKING)

Plug Marking Orientation: line 20 load

<b>03</b> 3 amp	<b>07</b> 7 amp	<b>13</b> 13 amp
<b>04</b> 4 amp	<b>08</b> 8 amp	<b>15</b> 15 amp
<b>05</b> 5 amp	<b>10</b> 10 amp	<b>18</b> 18 amp
<b>06</b> 6 amp	<b>12</b> 12 amp	<b>20</b> 20 amp

**CLBA** - **10** **3** - **NN** **F** **N** **N** - **B** - **A**

1 Series      2 Rating      3 Voltage      4 Mounting      5 Bushing      6 Mounting Nut      7 Indicator Plate      8 Button Color      9 Terminal      10 Plug Marking

**1 SERIES**  
CLBA

**2 RATING<sup>2</sup>**

<b>03</b> 3 amp	<b>13</b> 13 amp
<b>04</b> 4 amp	<b>15</b> 15 amp
<b>05</b> 5 amp	<b>18</b> 18 amp
<b>06</b> 6 amp	<b>20</b> 20 amp
<b>07</b> 7 amp	<b>25</b> 25 amp
<b>08</b> 8 amp	<b>30</b> 30 amp
<b>10</b> 10 amp	<b>35</b> 35 amp
<b>12</b> 12 amp	<b>40</b> 40 amp

**3 VOLTAGE**

**3** 125-250VAC/ 32 VDC

**4 MOUNTING**

**NN** Plug In

**5 BUSHING**

**F** None

**6 MOUNTING NUT**

**N** N/A

**7 INDICATOR PLATE**

**N** N/A

**8 BUTTON COLOR**

**B** Flush Black

**9 TERMINAL**

**A** Type A



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**10 BUTTON MARKING<sup>1</sup>** (IF BLANK, NO MARKING)

Plug Marking Orientation: line 20 load

<b>03</b> 3 amp	<b>07</b> 7 amp	<b>13</b> 13 amp	<b>25</b> 25 amp
<b>04</b> 4 amp	<b>08</b> 8 amp	<b>15</b> 15 amp	<b>30</b> 30 amp
<b>05</b> 5 amp	<b>10</b> 10 amp	<b>18</b> 18 amp	<b>35</b> 35 amp
<b>06</b> 6 amp	<b>12</b> 12 amp	<b>20</b> 20 amp	<b>40</b> 40 amp

Notes:

- 1 Amp rating must match plug marking. (ex: "20" will be marked on the plug of the breaker)  
No marking is standard.
- 2 See CMB/CLB graph for time delay information.

\*Manufacturer reserves the right to change product specification without prior notice.