

**CMA-A30-150-333MV-1****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Plug-on current transformers**

Plug-on current transformers are used wherever high currents of up to 5000A need to be measured and processed. Our plug-on current transformers supply secondary currents of 1A or 5A. Weidmüller also offers compact low-power current transformers to convert currents of up to 600 A to voltages of up to 333 mV.

**General ordering data**

|            |  |
|------------|--|
| Version    | Primary current: 150 A, Secondary current max.: 1 A, Load: 20 VA, Tolerance class: 1 |
| Order No.  | <a href="#">3154150000</a>   |
| Type       | CMA-A30-150-333MV-1  |
| GTIN (EAN) | 4099987646017  |
| Qty.       | 1 items  |

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## Technical data

### Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Dimensions and weights

|          |         |                 |             |
|----------|---------|-----------------|-------------|
| Depth    | 57.4 mm | Depth (inches)  | 2.2598 inch |
| Height   | 78.2 mm | Height (inches) | 3.0787 inch |
| Width    | 65.4 mm | Width (inches)  | 2.5748 inch |
| Diameter | 30 mm   | Net weight      | 205 g       |

### Temperatures

|                     |                       |               |
|---------------------|-----------------------|---------------|
| Storage temperature | Operating temperature | -5 °C...40 °C |
|---------------------|-----------------------|---------------|

### Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

### Measuring voltage input

|                       |       |                       |       |
|-----------------------|-------|-----------------------|-------|
| Frequency range, max. | 60 Hz | Frequency range, min. | 50 Hz |
|-----------------------|-------|-----------------------|-------|

### Electrical attributes

|                 |       |                   |       |
|-----------------|-------|-------------------|-------|
| Tolerance class | 1     | Secondary current | 1 A   |
| Load            | 20 VA | Primary current   | 150 A |

### Technical properties

|  |                          |                      |            |
|--|--------------------------|----------------------|------------|
| Protection degree  | IP20                     | Measurement accuracy | 1%         |
| Thermal rated continuous current<br>I <sub>thermal</sub> | 1.2 x I <sub>rated</sub> | Nominal frequency    | 50 / 60 Hz |

### Input

|                 |           |
|-----------------|-----------|
| Input frequency | 50/ 60 Hz |
|-----------------|-----------|

### Insulation coordination

|                 |   |                    |              |
|-----------------|---|--------------------|--------------|
| Tolerance class | 1 | Insulation voltage | 3 kV / 1 min |
|-----------------|---|--------------------|--------------|

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002048    | ETIM 9.0    | EC002048    |
| ETIM 10.0   | EC002048    | ECLASS 14.0 | 27-21-09-02 |
| ECLASS 15.0 | 27-21-09-02 |             |             |