

CMA-A30-100-333MV-1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 100 A, Secondary current max.: 1 A, Load: 20 VA, Tolerance class: 1 |
| Order No. | 3154130000 |
| Type | CMA-A30-100-333MV-1 |
| GTIN (EAN) | 4099987645997 |
| 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 | 244 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 | 100 A |

Technical properties

| | | | |
|----------------------------------------------------------|--------------------------|----------------------|------------|
| Protection degree | IP20 | Measurement accuracy | 1% |
| Thermal rated continuous current I _{thermal} | 1.2 x I _{rated} | 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 | | |