

CMA-CTM-7-50-1A-0.4VA-1**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

similar to the product

The CMA-CTM 7 series mini current transformer is an inductive current transformer designed according to the transformer principle for circular primary conductors.

The CMA-CTM 7 series current transformers are maintenance-free and is designed for measuring primary currents in the range 32 A to 64 A. This is converted into a current up to 1 A on the secondary side.

With its small dimensions, it perfectly suits applications in a 3-phase circuit breaker with a phase separation of 17.5 mm.

General ordering data

| | |
|--------------|------------------------------------------------------------------------------------------------------------------|
| Version | Primary current: 50 A, Secondary current max.: 1 A, Load: 0.4 VA, Tolerance class: 1, closed current transformer |
| Order No. | 2556030000 |
| Type | CMA-CTM-7-50-1A-0.4VA-1 |
| GTIN (EAN) | 4050118566406 |
| Qty. | 1 items |
| Manufacturer | MBS AG |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 19 mm | Depth (inches) | 0.748 inch |
| Height | 46.5 mm | Height (inches) | 1.8307 inch |
| Width | 27.5 mm | Width (inches) | 1.0827 inch |
| Net weight | 64 g | | |

Temperatures

| | | | |
|---------------------|----------------|-----------------------|---------------|
| Storage temperature | -25 °C...70 °C | Operating temperature | -5 °C...50 °C |
|---------------------|----------------|-----------------------|---------------|

Environmental Product Compliance

| | |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant |
| REACH SVHC | No SVHC above 0.1 wt% |

Dimensions of live conductors

| | | | |
|-----------------------|--------------------------|-----------------|---------|
| Type of conductor | Insulated conductor only | Round conductor | 7.60 mm |
| Installation location | Indoor use | | |

Electrical attributes

| | | | |
|-----------------|--------|-------------------|---------|
| Tolerance class | 1 | Secondary current | 0...1 A |
| Load | 0.4 VA | Primary current | 50 A |

Technical properties

| | | | |
|-------------------|-------|---------------------------------------------------|-------------------|
| Insulation class | E | Thermal rated continuous current $I_{thermal}$ | 1.0 x I_{rated} |
| Nominal frequency | 50 Hz | | |

Insulation coordination

| | | | |
|----------|-----------------------------------------|-----------------|---|
| Standard | IEC 61869-1: 2007, IEC 61869-2: 2012 | Tolerance class | 1 |
|----------|-----------------------------------------|-----------------|---|

Classifications

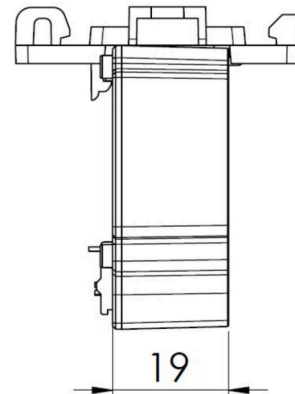
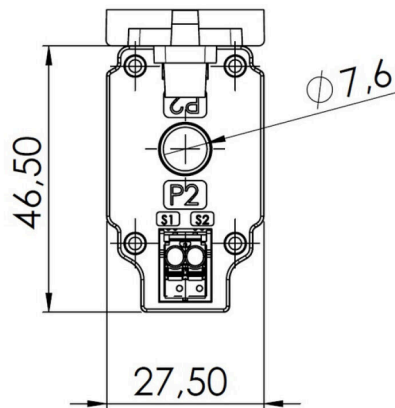
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|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002048 | ETIM 9.0 | EC002048 |
| ETIM 10.0 | EC002048 | ECLASS 14.0 | 27-21-09-02 |
| ECLASS 15.0 | 27-21-09-02 | | |

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Drawings



CMA-CTM-7-50-1A-0.4VA-1**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
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Germanywww.weidmueller.com**Accessories****Mini current transformer**

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General ordering data

| | | |
|------------|----------------------------|---------|
| Type | CMA-CTM-7-SNAP-ON | Version |
| Order No. | 2525160000 | |
| GTIN (EAN) | 4050118536522 | |
| Qty. | 1 ST | |