

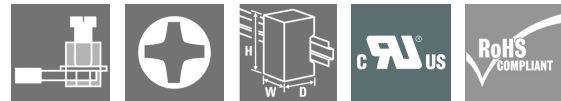
CMA-31-150-5A-5VA-1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Plug-on current transformers**

Plug-on current transformers are especially suitable for mounting on the busbar.

The advantages of this type are: Price optimisation, safe connection option, high mechanical holding forces and high current resistance.

General ordering data

| | |
|--------------|---|
| Version | Primary current: 150 A, Secondary current max.: 5 A, Load: 5 VA, Tolerance class: 1, closed current transformer |
| Order No. | 2420960000 |
| Type | CMA-31-150-5A-5VA-1 |
| GTIN (EAN) | 4050118429091 |
| Qty. | 1 pc(s). |
| Manufacturer | MBS AG |

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Depth | 52 mm | Depth (inches) | 2.047 inch |
| Height | 80.9 mm | Height (inches) | 3.185 inch |
| Width | 60 mm | Width (inches) | 2.362 inch |
| Net weight | 275 g | | |

Temperatures

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

Dimensions of live conductors

| | | | |
|-------------------|---------------------------------------|-----------------------|------------|
| Type of conductor | Insulated conductor only | Round conductor | 25.7 mm |
| Rail | 20 x 20 mm, 25 x 12 mm, 30 x 10 mm | Installation location | Indoor use |

Electrical attributes

| | | | |
|-------------------|---------|-----------------|-------|
| Load | 5 VA | Primary current | 150 A |
| Secondary current | 0...5 A | Tolerance class | 1 |

Technical properties

| | | | |
|-------------------|------|---|-------------------------------|
| Insulation class | E | Nominal frequency | 50 Hz |
| Protection degree | IP20 | Thermal rated continuous current I_{thermal} | $1.2 \times I_{\text{rated}}$ |

Insulation coordination

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

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002048 | ETIM 7.0 | EC002048 |
| ETIM 8.0 | EC002048 | ETIM 9.0 | EC002048 |
| ECLASS 9.0 | 27-21-09-02 | ECLASS 9.1 | 27-21-09-02 |
| ECLASS 10.0 | 27-21-09-02 | ECLASS 11.0 | 27-21-09-02 |
| ECLASS 12.0 | 27-21-09-02 | ECLASS 13.0 | 27-21-09-02 |
| ECLASS 14.0 | 27-21-09-02 | | |

Environmental Product Compliance

| | |
|------------------------|-----------|
| REACH SVHC | / |
| RoHS Compliance Status | Compliant |

Approvals

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

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Technical data

Downloads

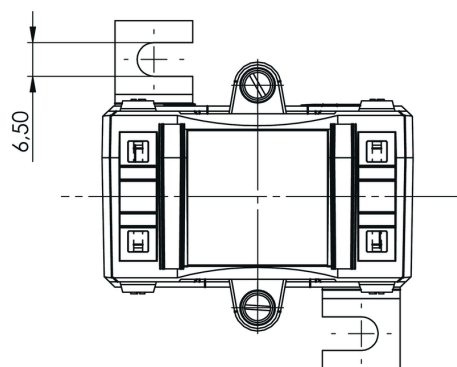
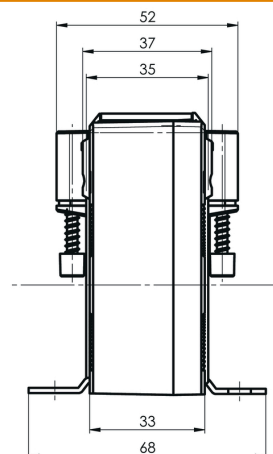
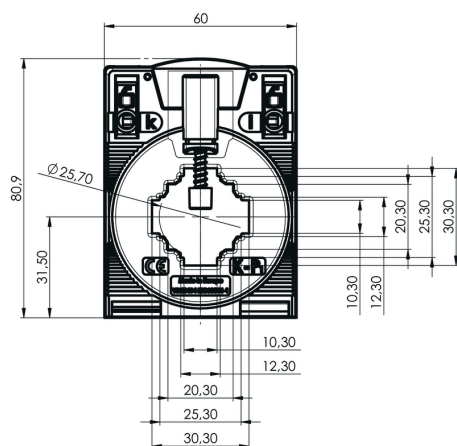
| | |
|---|--|
| Approval/Certificate/Document of Conformity | UL- certificate UKCA Declaration of Conformity Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | Device description – instruction sheet english.pdf Device description – Betriebsanleitung deutsch |
| Catalogues | Catalogues in PDF-format |

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Drawings



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Accessories

Plug-on current transformer - ValueLine



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General ordering data

| | |
|------------|----------------------------|
| Type | CMA-31-41-SNAP-ON |
| Order No. | 2723380000 |
| GTIN (EAN) | 4050118810622 |
| Qty. | 1 pc(s). |