

CMA-31-750-5A-5VA-0,5

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: 750 A, Secondary current max.: 5 A, Load: 5 VA, Tolerance class: 0,5, closed current transformer |
| Order No. | 1482080000 |
| Type | CMA-31-750-5A-5VA-0,5 |
| GTIN (EAN) | 4050118290950 |
| Qty. | 1 items |
| Manufacturer | MBS AG |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 52 mm | Depth (inches) | 2.0472 inch |
| Height | 80.9 mm | Height (inches) | 3.185 inch |
| Width | 60 mm | Width (inches) | 2.3622 inch |
| Net weight | 265 g | | |

Temperatures

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

Environmental Product Compliance

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

Dimensions of live conductors

| | | | |
|-------------------|---------------------------------------|-----------------------|------------|
| Type of conductor | Insulated conductor only | Round conductor | 25.70 mm |
| Rail | 20 x 20 mm, 25 x 12 mm, 30 x 10 mm | Installation location | Indoor use |

Electrical attributes

| | | | |
|-----------------|------|-------------------|---------|
| Tolerance class | 0,5 | Secondary current | 0...5 A |
| Load | 5 VA | Primary current | 750 A |

Technical properties

| | | | |
|-------------------|-------|--|--------------------------|
| Insulation class | E | Thermal rated continuous current I _{thermal} | 1.2 x I _{rated} |
| Nominal frequency | 50 Hz | | |

Insulation coordination

| | | | |
|----------|---|-----------------|-----|
| Standard | IEC 61869-1: 2007, IEC 61869-2: 2012 | Tolerance class | 0,5 |
|----------|---|-----------------|-----|

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 | | |



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Accessories

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Plug-on current transformer - ValueLine



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General ordering data

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