



TCM-420-25-50A

TCM-420-25-50A, Current transformer with converter 4 ... 20 mA

Code: M71045.

- > Inner diameter (mm): 25
- > Analog output: 4...20 mA
- > Measurement Range (A): 50
- > Input current: 50 A
- > Transformer type: Current transformer with 4 ... 20 mA converter

Specifications

Auxiliary power supply

| | |
|---------|---------|
| Voltage | 230 Vac |
|---------|---------|

Mechanical characteristics

| | |
|----------------------------------|-------------------|
| Size (mm) width x height x depth | 70 x 87 x 70 (mm) |
| Weight (kg) | 0,181 |

Environmental characteristics

| | |
|---------------------|---------------|
| Working temperature | -10°...+50 °C |
|---------------------|---------------|

Specific technical characteristics of current sensors

| | |
|-----------------------|---------------|
| Inner diameter Ø (mm) | 25 |
| Operating voltage | 0,72 kV~ max. |

Current measurement circuit

| | |
|-----------------------------|-------------|
| Nominal frequency | 65 / 60 Hz |
| Primary current measurement | 50 A |
| Permanent overload | 1,5 In |
| Transformation ratio | 4 ... 20 mA |

Standards

| | |
|-----------|--|
| Standards | IEC 44-1, UNE 21 088-1, IEC 664, VDE0110, VDE0414, UL 94, IEC 1010-1, EN 61010-1 |
|-----------|--|

Measurement accuracy

| | |
|----------|----------|
| Accuracy | ±1,5% In |
|----------|----------|

TCM-420-25

Current transformer with converter 4...20 mA, flat strip 25 mm

| CODE | TYPE | Measurement Range (A) | Inner diameter (mm) |
|---|-----------------|-----------------------|---------------------|
| Output internal supply 4...20 mA (230 Vac Auxiliary supply) | | | |
| M71041. | TCM-420-25-2.5A | 2.5 | 25 |
| M71042. | TCM-420-25-5A | 5 | 25 |
| M71043. | TCM-420-25-10A | 10 | 25 |



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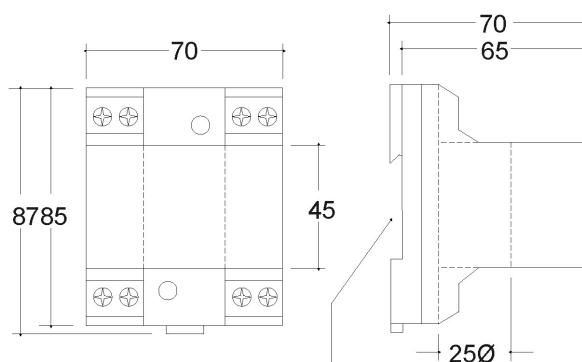
| CODE | TYPE | Measurement Range (A) | Inner diameter (mm) |
|---------|-----------------|-----------------------|---------------------|
| M71044. | TCM-420-25-20A | 20 | 25 |
| M71045. | TCM-420-25-50A | 50 | 25 |
| M71046. | TCM-420-25-100A | 100 | 25 |
| M71047. | TCM-420-25-200A | 200 | 25 |



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Dimensions



DIN 46277(EN 50022)