

J3SCT - Cable conversion kit 3-phase 333 mV

The J3SCT 3-phase cable transformer set contains 3 separable current transformers that are extremely small and lightweight. The transformers are particularly suitable for use with the MMI 12 modules and the MMB 700. The measuring range extends up to 400 A.

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data sheet



Properties

- Divisible current transformer
- Extremely small and light
- Max. primary current 160 A, 250 A or 400 A
- Cable opening 18 mm or 28 mm
- Simple installation thanks to pre-assembled cable with RJ12 plug
- Cable length 3 m



Technical specification

| | |
|--|----------------------------|
| Highest voltage for equipment U_m | 0.72 kV |
| Rated AC withstand voltage | 3 kV / 1 min |
| Frequency | 50 / 60 Hz |
| Thermal rated continuous current I_{cth} | $1.2 \times I_{pr}$ |
| Overcurrent limiting factor | FS5 to FS15 |
| Thermal rated short-term current | $60 \times I_{pr}$ for 1 s |
| Rated surge current | $2.5 \times I_{th}$ |
| Operating condition | Interior |
| Ambient temperature | -40 ... 60 °C |
| Insulation class | H |
| Normative standards | IEC 61869 Part 1 + 2 |

| Primary current [A] | Voltage output [mV] | Class | Type | Item number |
|---------------------|---------------------|-------|---------|-------------|
| 160 | 333 | 1 | J3SCT18 | 05.18.1333 |
| 250 | 333 | 1 | J3SCT28 | 05.28.2333 |
| 400 | 333 | 1 | J3SCT28 | 05.28.4333 |

| Type | Inner diameter [mm] | Width [mm] | Overall height [mm] | Total installation depth [mm] |
|---------|---------------------|------------|---------------------|-------------------------------|
| J3SCT18 | 18 | 44.4 | 72.8 | 59.6 |
| J3SCT28 | 28 | 43.9 | 73 | 58.7 |

Other sizes and nominal currents available on request.