

Electrical variables

Split-Core Type Transformer for AC Currents Chauvin Arnoux type Y4N



- Perfectly suitable for use in maintenance and monitoring of electrical systems without interrupting their current supply.
- Asymmetric shape of the jaw of tongs, particularly suitable for encompassing cables and rails.
- With polarity indicator for power measurements.
- Ideal for non-contact control measurements with ALMEMO® handheld devices, e.g. at low power systems.

Technical Data

Measuring range: 2A to 500A AC
(the higher value corresponds to 120% of the max. nominal value)

Accuracy of meas. at 50Hz: $\pm 3\%$ of meas. val. $\pm 0.5A$

Encompassing capacity: cable \varnothing 30mm rail 30 x 63mm

Transformation ratio: 1mVDC/1A AC

Output signal: 0.5VDC

Operating frequency: 40Hz to 1kHz

Safety standards: IEC 348, IEC 1010-2-032

Overvoltage protection: no

Dimensions: 215 x 66 x 34mm

Weight: approx. 420g

Nominal conditions: 25°C $\pm 3^\circ C$ /1013mbar

Operating temperature: -10 to +55°C

Relative humidity: 0% to 90% at 40°C max.

Storage temperature: -40 to +70°C

Connecting cable: Cable, 1.5 meters, with safety laboratory connectors, including safety coupling and 1.5-meter ALMEMO® connecting cable with banana plugs

Types (including manufacturer's test certificate)

Single-range split-core type transformer with integrated rectifying for small and medium AC currents incl. ALMEMO® connecting cable ($\pm 2.6VDC$)

Order no.

FEA6044N

With test certificate of the manufacturer Chauvin Arnoux. Delivery in original packaging, adapted with ALMEMO® plug

