

RM27 - Current Transformer

Nowadays, a more detailed current measurement is required in many installations. Often this means less available space while measuring relatively low values. In addition, the accuracy of the measurement has to be sufficient (at least class 1).

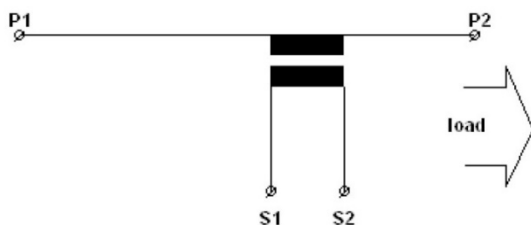
The RM27 meets those requirements in one product. The very compact ELEQ RM27 current transformer is especially designed for connection to digital measurement systems. The main advantage of the RM27 is that the dimensions of this product are designed for use in a three phase circuit breaker with a fase distance of 17,5mm. The RM27 is supplied with a connector with clamp technology for easy installation of the secondary leads. Optional: screw mounting or mounting on a DIN-rail.



Order specifications

Ratio	Class	Burden	Article number
35/1A	1	0,2VA	4R2746
64/1A	1	0,2VA	4R2747
Mounting Clip			411884

Wiring Diagram



Technical specifications

<i>Environmental conditions</i>	
This product is designed to be safe under the following conditions:	
Location:	Indoor use
Ambient temperature:	-10 °C .. +55 °C
Relative humidity:	5% .. 85%, non condensing
Protection degree:	IP20
Only suitable for insulated conductors, max Ø7,5mm	
<i>Application conditions</i>	
Standard:	IEC 61869-2
Rated short-time thermal current (I _{th}):	60 x I _n /1s
Rated continuous thermal current (I _{cth}):	100%
Rated insulation level:	0,72/3/-kV
Rated frequency:	50/60Hz
Class of insulation:	E (120 °C)
Primary window suitable for cable:	Ø 7,5mm
Secondary terminal:	female connector (clamping) suitable for conductor size: 0,2 .. 1,5mm ² solid, stranded or ferrule

Dimensions

