

## ERM100-E8A – Current Transformer

Flexible, compact and reliable, those are the keywords of the ERM-series of ELEQ. All transformers are equipped with a sealable integrated terminal cover in a case of polycarbonate. The current transformers are supplied with mounting hardware for mounting on rail, cable or mounting plate. Optional the transformers can be ordered with clips which can be used to place the transformers on top hat rail. The ERM-series is KEMA certified.

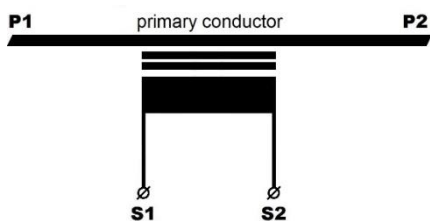


### Ordering Specifications

Ratio	Class 0.5 VA	Class 1 VA	Fs5 at.. VA	Article Number
1000/5A	1...10	20	10	4M9A01E
1200/5A	1...10	20	10	4M9A02E
1250/5A	1...10	20	10	4M9A25E
1500/5A	1...20	30	20	4M9A03E
1600/5A	1...20	30	20	4M9A04E
1000/1A	1...10	20	10	4M9A11E
1200/1A	1...10	20	10	4M9A12E
1250/1A	1...10	20	10	4M9A16E
1500/1A	1...20	30	20	4M9A13E
1600/1A	1...20	30	20	4M9A14E

For another ratio, class, burden or double measurement ranges, please consult our Sales Department for more information.

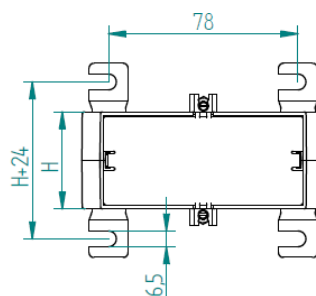
### Wiring Diagram



### Technical Specifications

Environmental conditions	
This product is designed to be safe under the following conditions:	
Location:	Indoor use
Operating temperature:	-5°C .. +40°C
Relative humidity:	5% .. 85%, non condensing
Protection degree:	IP20
Application conditions	
Standard:	IEC 61869-2
Rated short-time thermal current:	60 x In / 1s
Continuous thermal current (Icth):	1 x In
Rated insulation level:	0,72/3/-kV
Rated frequency:	50/60Hz
Class of insulation:	E
Primary window dimensions:	Max cable Ø 50 mm Max rail 80x10(15)mm or 60x10(30)mm or 50x10(30)mm
Secondary terminals:	Screw terminals (max. torque 2Nm) Max. cross-sectional area of cable (stranded) 6mm <sup>2</sup>

### Dimensions



Type	Height (mm)
A	40

