



MAG ELECTRIC Co.

Instrument current & voltage transformers
3.6kV up to 36 kV

**Instrument current
Transformers, indoor,
Cast-Resin Insulated**



Technical data

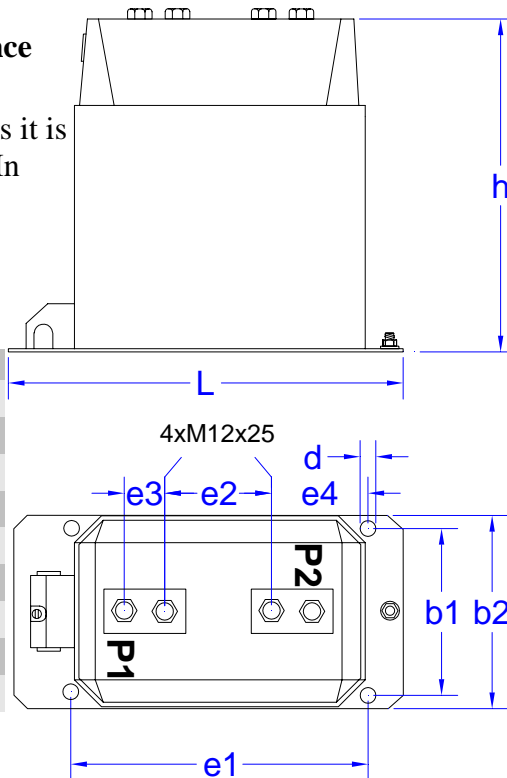
Type		AM12	AMN12	AMB12	AMG12
Highest voltage for equipment	kV	12	12	12	12
Power frequency withstand test voltage, 1 minute	kV	28	28	28	28
Lightning impulse test voltage (1.2/50 μ s full wave)	kV	75	75	75	75
Rated frequency	Hz	50/60	50/60	50/60	50/60
Rated primary current	A	5-2000	5-3000	5-2000	5-3000
Primary reconnection* 1:2	A	-----	2 \times 600	-----	2 \times 600
Secondary current	A	5 or 1	5 or 1	5 or 1	5 or 1
Max. rated continuous thermal current $\times I_n$	A	1.2	1.2	1.2	1.2
Rated short time thermal current I_{th} in 1 sec. (100-1000) $\times I_n$	Max.kA	60	60	60	60
Rated dynamic current $I_{dyn} = 2.5 \times I_{th}$	Max.kA	120	120	120	120
Max. number of cores		3	3	3	3
Accuracy class measuring / protection		0.2-0.5-1/5P -10P			
Rated output (measuring / protection)		5-60VA/1-30 VA			
Instrument security factor (measuring; FS5,FS10)/ Accuracy limit factor (protection; P5-P30)					

On Request:

**Constructions with capacitive layer
Ribbs on the top for increasing creepage distance**

★ Change over: with multi-purpose transformers it is possible to work with several primary currents. In principle, the change over can be made from the primary as well as from the secondary side.
(Secondary tapping; for instance 800-1000/5A)

AM12-AMN12-AMB12- AMG12



Type	AM12	AMN12	AMB12	AMG12
e1	270	280	370	380
e2	120	120	120	120
e3	32	32	32	32
e4	75	80	125	130
L	342	362	442	462
b1	125	148	125	148
b2	148	178	148	178
h	225	285	225	285
d	11	14	14	14

Primary \geq 1500 A

Dimensions in mm