



MAG ELECTRIC Co.

Instrument current & voltage transformers
3.6kV up to 36 kV



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

Technical data

Type		AMS24	AM24	AMG24
Highest voltage for equipment	kV	24	24	24
Power frequency withstand test voltage, 1 minute	kV	50	50	50
Lightning impulse test voltage (1.2/50 μ s full wave)	kV	125	125	125
Rated frequency	Hz	50/60	50/60	50/60
Rated primary current	A	5-400	5-2500	5-2500
Primary reconnection* 1:2	A	2 \times 200	2 \times 600	2 \times 600
Secondary current	A	5 or 1	5 or 1	5 or 1
Max. rated continuous thermal current $\times I_n$	A	1.2	1.2	1.2
Rated short time thermal current I_{th} in 1 sec. (100-1000) $\times I_n$	Max.kA	40	60	60
Rated dynamic current $I_{dyn} = 2.5 \times I_{th}$	Max.kA	100	120	120
Max. number of cores		1	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:

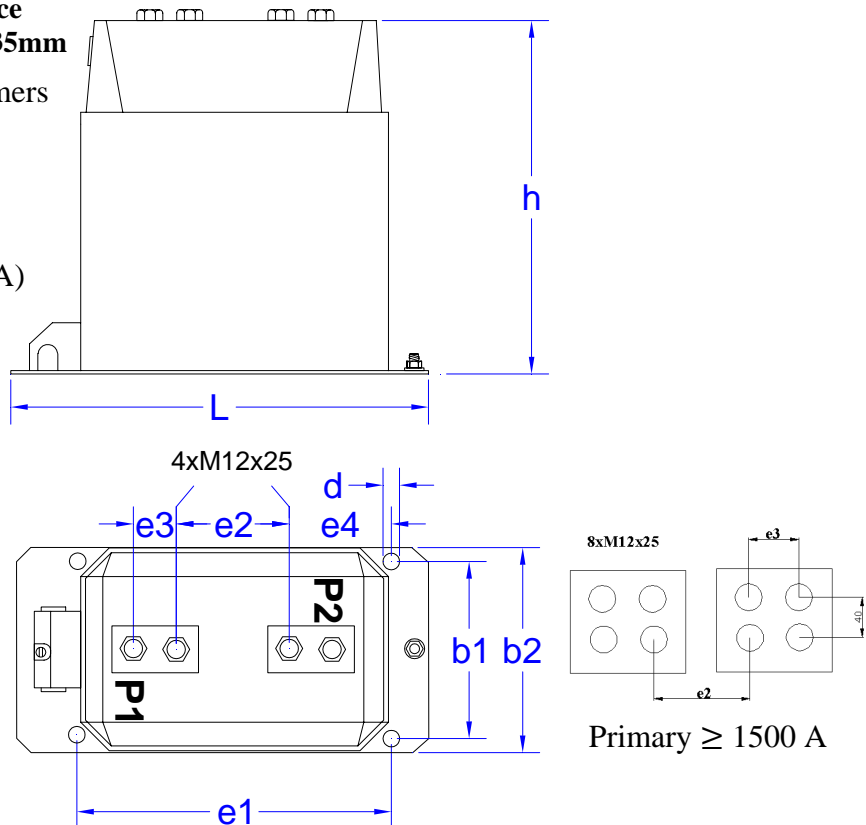
Constructions with capacitive layer

Ribs on the top for increasing creepage distance
(AMS24-R, AM24-R, AMG24-R) Ribs height 35mm

★ 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 800-1500/5A)

AMS24-AM24-AMG24



Type	AMS24	AM24	AMG24
e1	210	280	380
e2	120	120	120
e3	0	32	32
e4	45	80	130
L	292	362	462
b1	148	148	148
b2	178	178	178
h	290	285	285
d	14	14	14

Dimensions in mm