

Voltage transformer with Fuse

EPR, UR, ZEL SERIES



- Indoor
- 3.6 – 7.2 – 12 – 17.5 – 24 – 36 KV
- Primary voltage up to 33000: $\sqrt{3}$ v

Single pole voltage transformer vacuum moulded in self-extinguishing epoxy resin for measurement of AC voltages between phase and earth up to 33000: $\sqrt{3}$ V.

This range is also suitable for the power supply of auxiliaries up to 5000 VA.

Technical data	
Rated insulation level	3.6/16/45 Kv to 36/70 Kv
primary voltage Upn	Up to 33000: $\sqrt{3}$ V
secondary voltage Usn	100 $\sqrt{3}$ - 110 $\sqrt{3}$ V
Frequency	50 or 60 Hz
Rated output	Up to 200VA cl0.2-500VA cl0.5-1000VA cl1
Accuracy class	0.1 - 0.2 - 0.5 - 1 - 3 - 3P - 6P
Voltage factor	1.2 Upn continuously
Thermal limiting output	Up to 5000 VA
Insulation class	A
Altitude	1000 m
Ambient temperature	-5C° to + 40 C° -25C° to + 40 C° -40C° to + 40 C°
Standards	IEC60044-2, IEC61869-3

Other characteristics on request	
Secondary Voltage Usn	24: $\sqrt{3}$ to 380: $\sqrt{3}$ v
Voltage factor	1.9 Upn 8 h
Ambient temperature	Up to + 110 °C
Scondary windings	Up to 3 secondary windings
Residual voltage winding	100:3 V 50VA cl3 - Delta connections on a 68.1 W or 150 W resistor

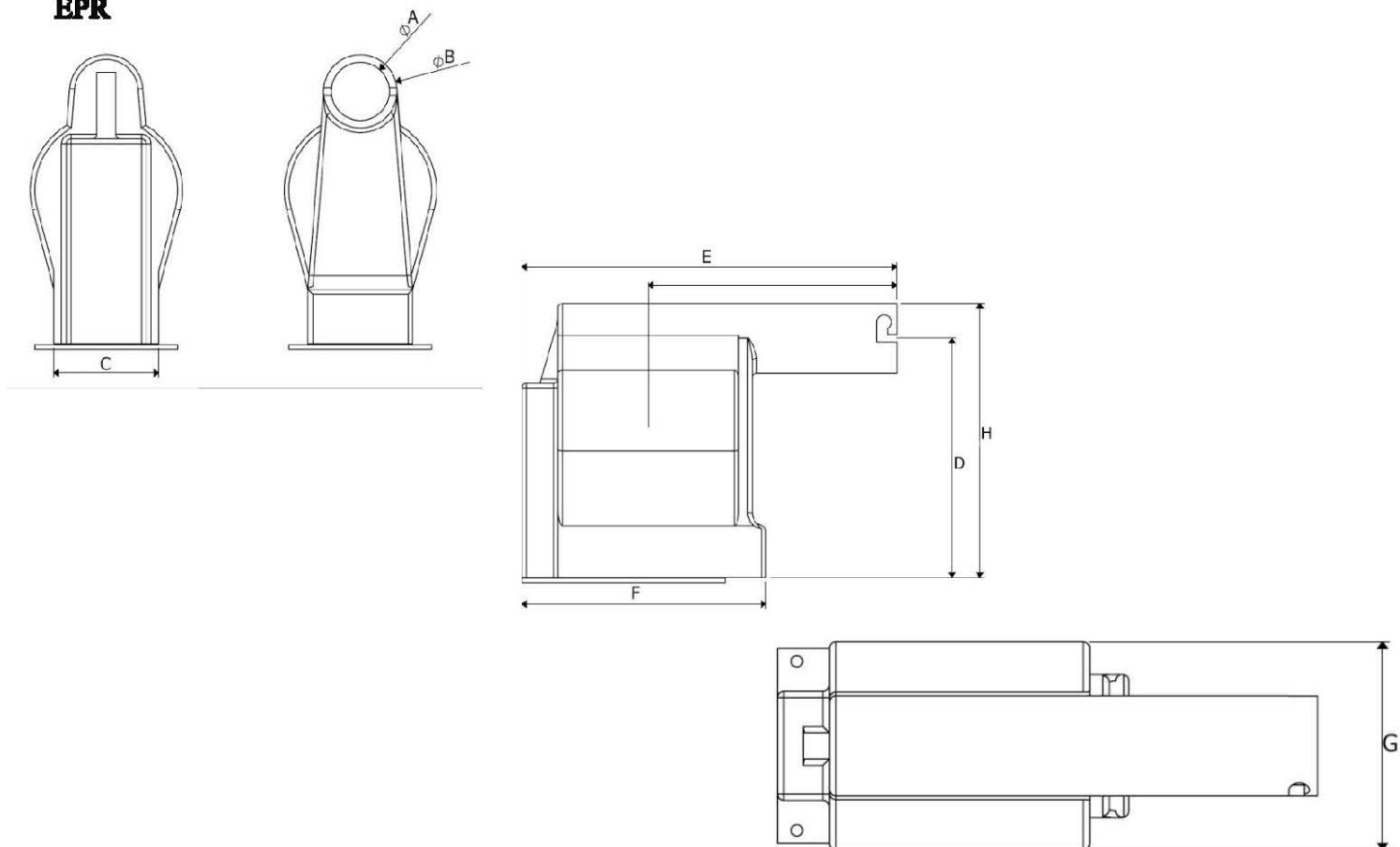
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EPR, UR, ZEL SERIES**Selection table**

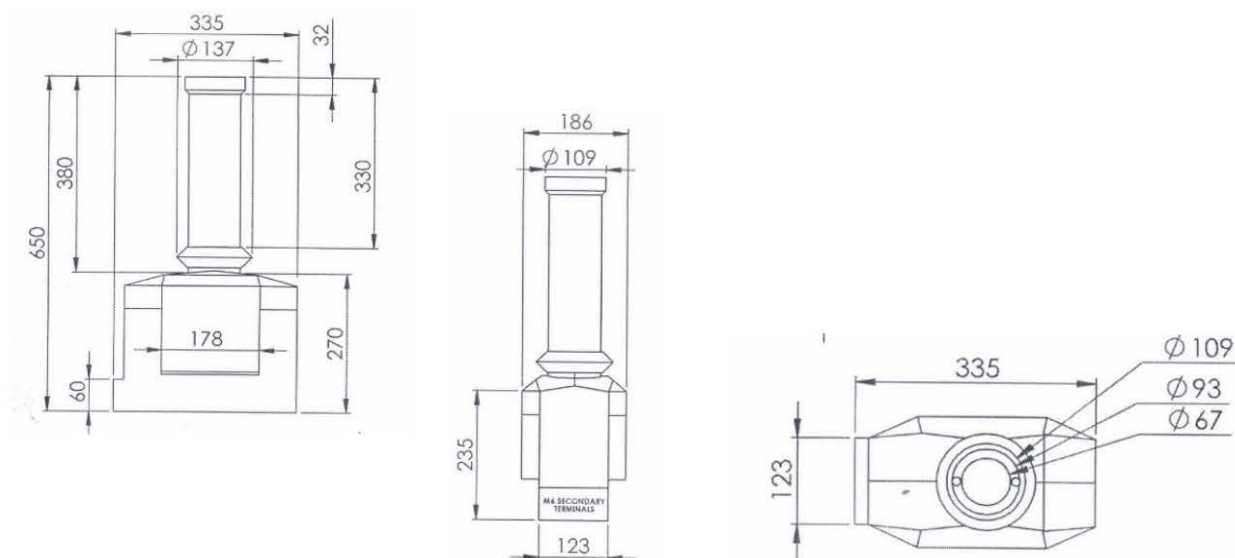
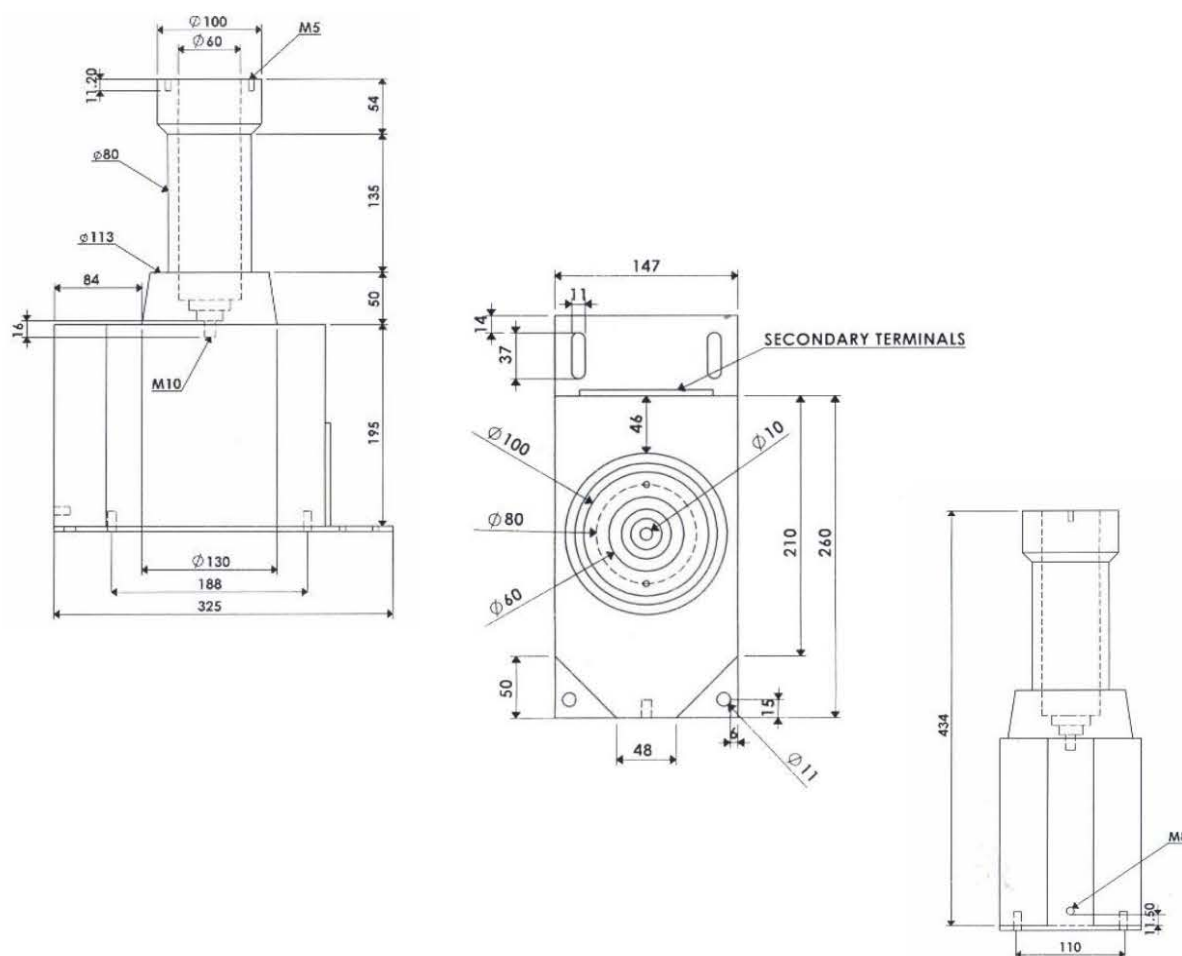
Type	Un	Up	Rated output				Thermal output
	kv	kv	maximum VA				VA
			Cl0.2	Cl0.5	Cl1	Cl3	
EPR 10	12/28/75	Up to 11	-	50	100	150	Up to 300
EPR 20	24/50/125	Up to 22	25	50	100	500	Up to 1000
EPR 30	36/70/170	Up to 35	50	100	500	2000	Up to 5000
UR 3	36/70/170	Up to 35	50	100	500	2000	Up to 5000
ZEL 10	12/28/75	Up to 11	-	50	100	150	Up to 300
ZEL20	24/50/125	Up to 11	25	50	100	-	Up to 300

Dimensions

Type	weight	A	B	C	D	E	F	G	H	J
	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm
EPR 10	22	60	76	106	265	407	273	160	303	130
EPR 20	29	61	76	110	293	505	317	188	332	126
EPR 30	62	61	78	159	418	652	366	240	497	90

EPR

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UR-3**ZEL-10**

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