

Outdoor Single Phase Voltage Transformers

RME, RUE SERIES



- Outdoor
- 3.6 – 7.2 – 12 – 17.5 – 24 – 36 KV
- Single or double pole

Outdoor single or double voltage transformer vacuum moulded in self-extinguishing epoxy resin for measurement of AC voltages between phases or between phase and earth up to 36KV with rated outputs up to 50 VA cl0.5 or 100 VA cl1. The secondary terminals are protected by a weatherproof cover.

This range is also suitable for the power supply of auxiliaries up to 2500 VA CLA

Technical data

Rated insulation level	3.6/16/45 Kv to 36/70/170 Kv
primary voltage Upn	Up to 33000 V
secondary voltage Usn	100 - 110 -220-100:√3 – 110:√3V
Frequency	50 or 60 Hz
Rated output	Up to 50VA cl0.5-100VA cl1-300VA cl3
Accuracy class	0.2 - 0.5 - 1 - 3 - 3P - 6P
Voltage factor	1.9 Upn 30s for single pole- 1.2 Upn continuously for double pole
Thermal limiting output	Up to 2500 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	10 to 600 V
Voltage factor	1.9 Upn 8h
Ambient temperature	Up to + 110 °C
Secondary windings	Up to 3 secondary windings

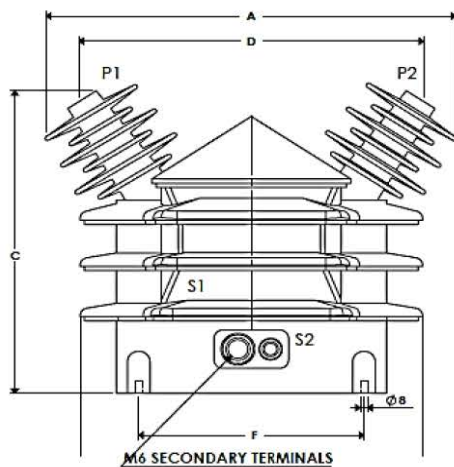
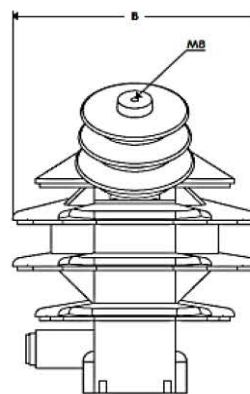
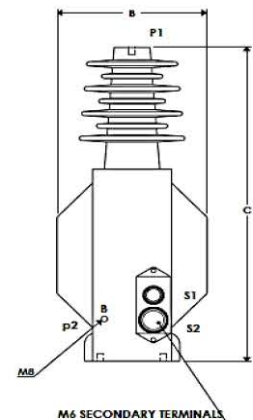
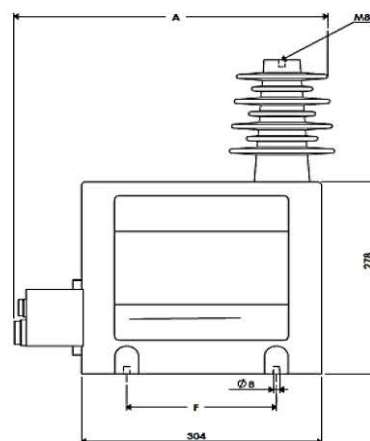
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RME, RUE SERIES**Selection table**

Model	Type	Un	Up	Rated output			Thermal output
		kv	kv	maximum VA			VA
				CI0.5	CI1	CI3	
RU12E	1-pole	36/70/170	up to 33:√3	50	100	300	up to 500
RU13E	1-pole	36/70/170	up to 33:√3	50	100	300	up to 500
RM20E	2-poles	24/50/125	up to 22	50	100	300	up to 750
RM22E	2-poles	24/50/125	up to 22	50	100	300	Up to 750
RM30E	2-poles	36/70/170	up to 33	50	100	300	up to 2500

Dimensions

Model	Creepage	distance	weight	A	B	C	D	F	K
	PE mm	PP mm							
RU12E	860	—	30	393	190	455	—	191	79
RU13E	1110	—	38	407	246	515	—	191	79
RM20E	855	890	31.5	388	270	370	291	250	70
RM22E	1100	1000	34.5	420	229	482	354	250	70
RM30E	1030	1240	69	500	350	485	400	292	196

**RUE****RME**

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