
VOLTAGE TRANSFORMERS

Circuit Breaker Operation Power Source (Select Models)



EP-1S Series

Introduction

Each *EP-1S* Series single-phase voltage transformer features resin-insulated coils and is fixed on supporting metal pieces on the front and back sides. Select models of the *EP-1S* Series can be used as an auxiliary power source for circuit breaker operation. All models, with their excellent moisture resistance and high insulation, are well-suited for humid locations. These indoor low-voltage transformers are furthermore characterized by great safety and a high-quality exterior.

Product Features

- Standard: IEC or IEEE
- Resin-insulated
- Indoor applications
- Well-suited to humid environments
- Burden: $\leq 500\text{VA}$ (Models: EP-1S1A ~ EP-1S6A)
- Models that can be used as an auxiliary power source for circuit breaker operation have a burden rating of up to 5000 VA

Selection Table*

Model	Phase (Φ)	Frequency (Hz)	Primary Voltage (V)	Secondary Voltage (V)	Burden / Accuracy	AC / BIL	Approx. Weight (kg)	Thermal Burden (kVA)
EP-1S1A	1	60 or 50	220 ~ 600	110 ~ 220	50 (10) VA / 3.0 (1.0)	3 / - kV	2	-
EP-1S2A					100 (35) VA / 3.0 (1.0)		3	-
EP-1S3A					50 (25) VA / 1.0 (0.5)		4	-
EP-1S4A					200 (100) VA / 3.0 (1.0)		5	-
EP-1S5A					300 (50) VA / 1.0 (0.5)		8	-
EP-1S6A					500 (200) VA / 1.0 (0.5)		10	-
EP-1S7A					**1000 VA		15	1 kVA
EP-1S8A					**1500 VA		17	1.5 kVA
EP-1S9A					**2000 VA		25	2 kVA
EP-1S10A					**3000 VA		32	3 kVA
EP-1S11A					**5000 VA		46	5 kVA

*Other standards and specifications available.

** If burden rating \geq 1000 VA, the VT can be used as an auxiliary power source for circuit breaker operation (accuracy N/A)



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