

# VOLTAGE TRANSFORMERS

## *Circuit Breaker Operation Power Source*





**EPF-3SF1 EPF-6SF2**

### Introduction

Voltage transformers EPF-3SF1 and EPF-6SF2 are primarily mounted on switchgear (3.3kV and 6.6kV, respectively) as an auxiliary power source for circuit breaker operation. Compact and of a flatter shape than other models, these voltage transformers are mounted on top of the power switch as an operation power source and are compatible with short-interval large output. With Araldite® epoxy resin as insulation, these voltage transformers also feature a Class-F heat-resistant insulation material for the coils. Two fuses on the primary side offer protection against overload and short circuit currents. EPF-3SF1 and EPF-6SF2 voltage transformers are characterized by a high-quality exterior, excellent moisture resistance, and superior electrical performance.

### Specifications

Model	Standard	Phase (Φ)	Frequency (Hz)	Primary Voltage (V)	Secondary Voltage (V)	Burden / Accuracy	AC / BIL (kV)	Primary-Side Fuses	Approx. Weight (kg)
 EPF-3SF1	IEC	1	50 or 60	3600 3450 3300	120 115 110	100 VA / 1.0 CL 200 VA / 3.0 CL	10 / 40	2	8.5
 EPF-6SF2	IEC	1	50 or 60	7200 6600 4200 3600 3300	120 115 110	200 VA / 1.0 CL 500 VA / 3.0 CL	20 / 60 10 / 40	2	16

Other standards and specifications available.

#### CHALLENGE INDUSTRIAL CO., LTD.

1F, No. 46, Ln. 80, Sec. 3, Nangang Rd.,  
Taipei City 115, Taiwan (R.O.C.)  
T: 886-2-2788-3368 ext. 2318