

Production Stop of Condenser Trip Device (COT) for AE-SW Series

We would like to inform that we will stop production of condenser trip device (COT) for AE-SW series.

1. Types

Condenser trip device (COT) for AE-SW series

Type: COT110-W (Rated input voltage AC100-110V)

Type: COT220-W (Rated input voltage AC200-220V)

2. Reason for Production Stop

Due to difficulty to meet the new Directive (EU) 2015/863 which added the restriction of the use of four additional materials to the existing six substances restricted by EU RoHS Directive.

3. Time of Stop of Accepting Orders and Production Stop

Final order receipt: Until the end of December 2019

Production stop: End of January 2020

※The production stop time may be changed due to the production condition.

Note) COT will be available only for parts sales after June 2019

4. Alternative Models

Refer to the below tables for the applicable voltage of Shunt trip device (SHT) and specifications of the current model for the selection of alternative models from commercially available products.

Applicable voltage of Shunt trip device (SHT)

Rated voltage (Applicable voltage range)	Operating voltage・Operating inrush current
AC・DC100~250V(70~275V)	DC100V 0.6A DC250V 1.6A

Specifications of the current model

TYPE	COT110-W	COT220-W
Rated input voltage (V AC)	100/110	200/220
Rated frequency (Hz)	50-60	
Rated charging voltage (V DC)	140/155	
Condenser capacity (μF)	820	
Voltage range	70~125%	
Power supply capacity (VA)	Max. 1	
Charging time (s)	Max. 1	
Trip limit time (s)	30	
Withstand voltage (1 minute)	2000V AC	
Circuit diagram	<p>The circuit diagram illustrates the internal components of the power supply. It shows an AC input section with terminals AC1 and AC2. A transformer is indicated for the COT220-W model, while a diode is used for the COT110-W model. The circuit includes a series resistor R1, a Zener diode Z, a capacitor C1, a resistor R2, a resistor R3, an LED, and an open button (SHT) connected between the DC+ and DC- output terminals.</p>	