# Accessories for TD/TS series up to 800A

### Susol

## **Electrical auxiliaries**

The following devices are installed into all TD & TS circuit breakers regardless of frame size. And, the electrical auxiliaries can be easily installed in the accessory compartment of the circuit breakers which is cassette type.

### Undervoltage release, UVT

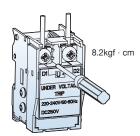
The undervoltage release automatically opens a circuit breaker when voltage drops to a value ranging between 35% to 70% of the line voltage. The operation is instantaneous, and after tripping, the circuit breaker cannot be re-closed again until the voltage returns to 85% of line voltage.

Continuously energized, the undervoltage release must be operating before the circuit breaker can be closed. The undervoltage release can be easily installed in the left accessory compartment of the Susol TD and TS circuit-breakers.

- Range of tripping voltage: 0.35 ~ 0.7Vn
- MCCB making is possible voltage: 0.85Vn (exceed)
- Frequency (only AC): 45Hz ~ 65Hz

	Control veltors ())	Consumption			Applicable
	Control voltage (V)	AC (VA)	DC (W)	mA	MCCBs
	AC/DC 24V	0.64	0.65	27	
Power	AC/DC 48V	1.09	1.10	23	
consumption	AC/DC 110~130V	0.73	0.75	5.8	
	AC 200~240V/DC 250V	1.21	1.35	5.4	TD100, TD160,
	AC 380~440V	1.67	-	3.8	TS100, TS160,
	AC 440~480V	1.68	-	3.5	TS250, TS400,
Max.opening time (ms)		50			TS630, TS800
Tightening torque of terminal screw		8.2kgf · cm			
Transformer operating voltage (V)					
- Drop (Circuit breaker trips)		0.7~1.35Vn			
- Rise (Circuit breaker can be switched on)		~0.85Vn			

#### **Technical data**





UVT