

Tuya device BreakerDIN



Model: OPWTY-63

Tuya:

Mod:

DIN Breaker w Earth Leakage Over Under Voltage Protector Energy Power kW

Good for home as main AC switch
Any GET acts as SCHEMA.

Power supply: **AC**
Broadcast: **WiFi**
Capabilities: **REFRESH,ALL**

Reference: [https://developer.tuya.com/en/docs/iot/smart_meter\(requires+account\)](https://developer.tuya.com/en/docs/iot/smart_meter(requires+account))
Infos: https://www.alibaba.com/product-detail/Open-Electric-TUYA-APP-WiFi-Sellers_Smart_1600217368568.html
<https://www.aliexpress.com/item/1005002361164427.html>

Known Data Points:

1	total_ene	PUSH	number	0..99999999 kWh *100	INTE2FLOAT
	total (forward) enegy: neutral direction.				
6	phaseA	PUSH	binary	struct: { V, Leack, A, W}	STRUCTELERT
7	phaseB	PUSH	binary		
	three-phase current, not used				
8	phaseC	PUSH	binary		
	three-phase current, not used				
9	fault value?	WW	int	0..??	
	see https://developer.tuya.com/en/docs/iot/smart_meter(requires+account) (require access) for alarm list PUSHed, WRITE 0 to clear				
11	prepayment	WW	boolean	true, false	
12	clear energy	WW	boolean	true, false	
	clear total energy counter (not balance)				
13	balance_ene	GW	number	0..99999999 kWh * 100	INTE2FLOAT
	energy balance (prepayment mode)				
14	charge_ene	WW	number	0..999999 kWh * 100	INTE2FLOAT
	Add payed energy to balance (prepayment mode)				
16	switch	WW	boolean	true false =ON OFF	BOOLEANONOFF
	Power switch				
19	Breaker_ID	GW	string	e.g. 'FSE-F723C51D7A727B'	
	Unique HW ID				
101	overvoltage	WW	int	250..300 V	



	<i>Get/Set limit value</i>				
102	undervoltage	WW	int	160..190 V	
	<i>Get/Set limit value</i>				
103	overcurrent	WW	int	1..63 A	
	<i>Get/Set limit value</i>				
104	leakage	WW	int	10..100 mA	
	<i>Get/Set limit value</i>				
105	mute mode	WW	boolean	true, false	
106	trip mode	WW	boolean	true, false	