Tuya device BreakerDIN

Model: OPWTY-63

Tuya: Mod:

DIN Breaker w Earth-Leakage Over/Under-Voltage/Current Energy-Power kW

SCHEMA returns all PDS, excluded dp 6.
Any GET acts like a SCHEMA: use SET(null) i.e. WW if r/w, and GW if ro.

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

Reference: *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:

_6.A	cur_current	PUSH			
	atomic field (added by explode node) from 6				
_6.Leack	cur_leack	PUSH			
	atomic field (added by explode node) from 6				
_6.V	cur_voltage	PUSH			
	atomic field (added by explode node) from 6				
_6.W	cur_power	PUSH			
	atomic field (added by explode node) from 6				
1	total_ene	GW	number	0..99999999 kWh *100	INTE2FLOAT
	total (forward) enegy: neutral direction. Pushed when data change				
6	phaseA	PUSH	binary	struct: { V, Leack, A, W}	STRUCTELERT
	Pushed when data change (min. 1 sec) as [event:dp_refresh]. Cannot be forced.				
7	phaseB	PUSH	binary		
	three-phase current, not used				
8	phaseC	PUSH	binary		
	three-phase current, not used				
9	fault value?	WW	int	0..??	
	unknown, see https://developer.tuya.com/en/docs/iot/smart_meter (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	
	Get/Set limit value				
102	undervoltage	WW	int	160..190 V	
	Get/Set limit value				
103	overcurrent	WW	int	1..63 A	
	Get/Set limit value				
104	leakage	WW	int	10..100 mA	
	Get/Set limit value				
105	mute mode	WW	boolean	true, false	
	?? unknown				
106	trip mode	WW	boolean	true, false	
	?? unknown				