



Specifications

Stromarbeitsbereich	Current range	0.25-5(100)A
Anlaufstrom	Starting current	0.004Ib
Spannungsarbeitsbereich	Voltage range	3*230(400)V
Impulswertigkeit LED	Meter constant LED	1000imp/kWh(LED) 1000imp/kvarh(LED)
Genauigkeitsklasse	Accuracy class	B
Frequenz	Frequency	50Hz
Display	Display	LCD 6+2
Arbeitstemperatur	Temperature range	-40 ~ 70°C
Normen	Standards	EN50470-1/3
Eigenverbrauch	Power of consumption	<12VA <1W
Messgröße	Measurement type	Forward/reverse, Active/reactive
Breite	Width	71.5mm
Impulsausgang	Pulse output (S0)	Default is 1000, can be programmed
Impulslänge	Pulse width	80ms
LED	LED	Impulse rate=Verbrauch/Usage
Registrierte Harmonische Bereich	Registered harmonics range	N.A.
Max. Leiterquerschnitt (mm ²)	Max. terminal wire (mm ²)	25 mm
Luftfeuchte	Humidity	≤75% (Non Condensing)
Jahresmittel	Annual mean	<75%
30 Tage lang, wobei sich diese Tage über ein Jahr ausstreichen	For 30 days, these days being spread in natural manner over a year	95%
Gelegentlich an anderen Tagen	Occasionally on other days	85%
IP-Schutzart	IP rating	IP51 indoor

Modell	Model	6299-001	6299-002	6299-002-01	6299-003	6299-004	6299-005
Software Version	Software Version	V301	V301	V301	V301	V301	V301
CRC	CRC	708A	5B61	6D95	2B60	5B61	2B60
Impulse Konstant	Impulse Constant	1000imp/kWh 1000imp/kvarh					
Kommunikation	Communication	IR	IR, RS485				
Baud rate	Baud rate	N/A	9600\19200\38400\115200				
S0-Ausgang	S0 output	S01 is S0 output for kWh (default) or Active / reactive forward kWh optional with variable constant				S0 output for Active kWh with variable constant	
		S02 is S0 output for kvarh (default) or Active/ reactive reverse kWh optional with variable constant				External Signal input port	
Impulslänge	Pulse width	Changeable pulse width according to current, the bigger the current the shorter the pulse width					
Hintergrundbeleuchtung	Backlight	Blue					

Li- Akku	Li-Battery	N/A	Yes		Yes
Multi-Tarif	Multi-tarif	N/A	Yes		Yes
Mess- Modus	Measurement Mode	1.Total = forward 2.Total = reverse 3.Total = forward + reverse (default) 4.Total = Forward - Reverse			
Knopf	Button	Touch button			
Button Funktion	Button function	Left button: scroll left or enter other pages Right button: scroll right or enter LCD setting pages			
Default einstellung	Default setting	/	9600/NONE /8/1		
Einstellung des Messmodus	Measurement Mode setting	Button	RS485 or Button		

Aug-2024 Data sheet DZT 6299 series V1.00 ©
Subject to change without prior notice