

OUR PRODUCTS · TRANSFORMER RATED

LVCT

CT Operated Meter

Active CL 0.5 / 0.2 · TOU multi-tariff · AMI ready

LVCT meter for current-transformer connection. Active accuracy Class 0.5 / 0.2, reactive Class 1.0 / 2.0, TOU multi-tariff, modem ready, and AMI-ready for RF, PLC and GPRS — including prepayment-ready operation.

CL 0.5 / 0.2	1(5)/5(10) A	5000 imp/kWh AMI ready	
Active accuracy	CT current	Impulse	RF / PLC / GPRS

CAPABILITIES

- | | |
|--|--|
| <p>01 Transformer operated
CT currents 1(5) A and 5(10) A for LV boundary and industrial loads.</p> | <p>02 High impulse constant
5000 imp/kWh for precision testing and calibration.</p> |
| <p>03 TOU multi-tariff
Time-of-use registers for commercial tariff structures.</p> | <p>04 AMI ready
RF, PLC and GPRS communication; modem ready.</p> |
| <p>05 Prepayment ready
STS pathway on the same CT platform where specified.</p> | <p>06 DLMS/COSEM
IEC 62056-42/46/47/53/61 data exchange.</p> |



LVCT meter

CT operated · CL 0.5 / 0.2 · IP54

APPLICATION

Commercial and industrial CT metering

Use LVCT at large LV services and boundary points that need Class 0.5 / 0.2 active accuracy, multi-tariff TOU and optional AMI or prepayment.

CT 1(5)/5(10)A · TOU · AMI · Prepayment ready

OEM
Inhemeter / INHE Group

Local partner
Delta Prima Metering
Shah Alam, Malaysia

TECHNICAL SPECIFICATIONS

Engineering reference

CT meter ratings from Delta Prima Metering Company Profile 2024.

■ Meter specification

Type	LVCT / CT operated meter
Voltage	3×57.5 ~ 240 V / 415 V
Current	1(5) A, 5(10) A
Frequency	50 Hz
Active accuracy	Class 0.5 / 0.2
Reactive accuracy	Class 1.0 / 2.0
Impulse	5000 imp/kWh
Protection	IP54 / IEC 60529
Temperature	–25 °C to +80 °C
Tariffs	TOU, multi-tariff

■ AMI & functions

Modem	Ready
AMI ready	RF, PLC & GPRS
Prepayment	Ready
Protocol	DLMS/COSEM
Connection	CT operated
Typical use	Commercial / industrial LV
HHU	RF communication to HHU
Anti-tamper	Utility CT practices
Quality	ISO 9001:2015
Calibration	SAMM 790 / ISO/IEC 17025

■ Standards

General	IEC 62052-11
Energy	IEC 62053-21, 22, 23
Data exchange	IEC 62056-42, 46, 47, 53, 61
Dependability	IEC 62059-41
IP code	IEC 60529
Protection class	IP54
Active class	0.5 / 0.2
Reactive class	1.0 / 2.0
Impulse	5000 imp/kWh

■ Selection notes

Direct 1P AMI	See DDZ1513
Direct 3P AMI	See DTZ1513
Static 1P	See D54-Series 2 NCM/WC
Prepaid 1P	STS keypad NCM
Prepaid 3P	STS 10(100) A
MDMS	See AMI solution
Lab	ISO/IEC 17025 SAMM 790
Contact	info@deltaprima.com.my
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Request technical documentation

Type-test evidence, AMI integration notes and project quotations:
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