

OUR PRODUCTS · AMI

DTZ1513

Three Phase AMI Meter

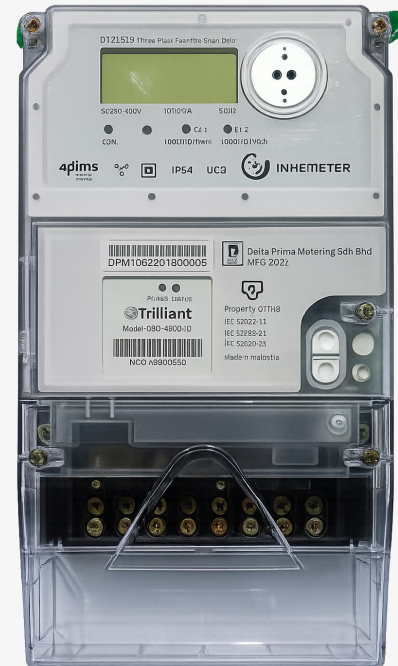
Direct connection modular design · RF / PLC / GPRS ready

DTZ1513 is a direct-connection modular three-phase AMI meter for commercial, industrial and residential customers. Hot-swappable modules support RF, PLC, GPRS, 3G, 4G and NB-IoT, with STS or post-payment selected by the utility.

CL 1.0 / 2.0 Active / reactive	10(100) A Current rating	3×230/415 V Voltage range	IP54 IEC 60529
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CAPABILITIES

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| <p>01 Modular AMI comms
Hot-swappable RF, PLC, GPRS, 3G, 4G or NB-IoT for remote management.</p> | <p>02 STS & post-payment
Prepayment (STS) or post-payment, selectable by the utility.</p> |
| <p>03 Real-time events
Anti-tamper, irregularity detection and event pushing for revenue protection.</p> | <p>04 Time of Use
TOU support with switchable multi-mode display on site.</p> |
| <p>05 DLMS/COSEM
IEC 62056-42/46/47/53/61 for AMI interoperability.</p> | <p>06 RF to HHU
Local RF communication to the hand-held unit for field work.</p> |



DTZ1513 · Three phase AMI
BS5685 · IP54 · LED backlight

APPLICATION

Commercial, industrial and residential AMI

Specify DTZ1513 for three-phase services that need Class 1.0 billing accuracy, asset protection and a communication board that can follow the utility's AMI strategy.

RF / PLC / GPRS · STS · TOU · Event push

OEM
Inhemeter / INHE Group

Local partner
Delta Prima Metering
Shah Alam, Malaysia

TECHNICAL SPECIFICATIONS

Engineering reference

Ratings published in Delta Prima Metering Company Profile 2024.

■ Electrical & metrology

Rated voltage	3×230, 240 / 400, 415 V
Current	10(100) A
Frequency	50 Hz
Active accuracy	Class 1.0
Reactive accuracy	Class 2.0
Impulse constant	1000 imp/kWh
Terminal layout	BS 5685
Display	LED backlight, multi-mode
Payment modes	STS prepayment / post-payment
Connection	Direct, three phase

■ Environmental

Operating temperature	−25 °C to +80 °C
Ingress protection	IP54 IEC 60529
Frequency	50 Hz
Impulse	1000 imp/kWh
Backlight	LED supported
Design	Modular AMI meter
Connection	Direct three-phase
Quality system	ISO 9001:2015
Calibration lab	SAMM 790 / ISO/IEC 17025

■ AMI & functions

AMI ready	RF, PLC & GPRS
Module options	RF / PLC / GPRS / 3G / 4G / NB-IoT
Modem	Ready (hot-swappable)
Prepayment	STS standard
Protocol	DLMS/COSEM
HHU	RF communication to HHU
TOU	Time-of-use supported
Anti-tampering	Yes, with event push
Remote functions	Management & reading
Typical users	C&I and residential

■ Standards

General	IEC 62052-11
Active / reactive	IEC 62053-21 / 23
Data exchange	IEC 62056-42, 46, 47, 53, 61
IP code	IEC 60529
Terminals	BS 5685
Accuracy	Active CL1.0, Reactive CL2.0
Protection	IP54
STS prepayment	Utility selectable
Document	Company Profile 2024

Request technical documentation

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