VTEKE®

SAMPLE EDITION

Electrical Measurements — Sample edition

Category catalog · 2026 — built from the product data VTEKE maintain for the website, to show how the catalog downloads. The official catalog will replace it.

10	1	2026
Products	Category	Edition



Category catalog · 2026

Electrical Measurements

10 products · MultiMeters · Ammeters · Voltmeters · DC Ammeter · DC Voltmeter

MultiMeters


REPRESENTATIVE IMAGE

VK–M96

VK-M96 Three-Display Digital Multimeter 96X96

The VTEKE VK-M96 is a three-phase digital multimeter featuring 3 digital displays for monitoring electrical parameters in low-voltage distribution systems. It measures phase-to-neutral and phase-to-phase voltages, individual phase currents, and system frequency. With a built-in phase sequence error indicator and adjustable current transformer ratio, it provides a practical solution for electrical monitoring and control panel applications.

KEY FEATURES

- 3 digital displays for simultaneous phase measurements
- Three-phase voltage and current measurement
- Phase-to-neutral and phase-to-phase voltage monitoring
- Individual phase current measurement through external current transformers
- System frequency measurement
- Built-in phase sequence error indication
- Adjustable current transformer ratio
- Panel-mounted design

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage	85–300 V AC/DC (L–N)
Operating Frequency	50/60 Hz
Power Consumption	<4 VA
MEASUREMENT CHARACTERISTICS	
Phase-to-Neutral Voltage Range	1–300 V AC (L–N), RMS
Phase-to-Phase Voltage Range	1–500 V AC (L–L), RMS
Current Measurement Range	0.05–5 A AC, RMS (via CT)
Measurement Accuracy	±1%
Maximum CT Primary	9995 A
Frequency Measurement Range	40–60 Hz
Phase Sequence Monitoring	Built-in error indication
DISPLAY CHARACTERISTICS	
Display Type	Digital
Number of Displays	3
Displayed Parameters	Voltage, Current, Frequency

Phase Sequence Error Indication	Display indication
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
MECHANICAL CHARACTERISTICS	
Mounting	Panel mounting
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Weight	Maximum 300 g
Protection Class	IP20
Front Dimensions	96 × 96 mm



REPRESENTATIVE IMAGE

VK–M96S

VK-M96S Six-Display Digital Multimeter 96X96

The VTEKE VK-M96S is a three-phase digital multimeter featuring 6 digital displays for monitoring electrical parameters in low-voltage distribution systems. It measures phase-to-neutral and phase-to-phase voltages, individual phase currents, and system frequency. With a built-in phase sequence error indicator and adjustable current transformer ratio, it provides a practical solution for electrical monitoring and control panel applications.

KEY FEATURES

- 6 digital displays for simultaneous phase measurements
- Three-phase voltage and current measurement
- Phase-to-neutral and phase-to-phase voltage monitoring
- Individual phase current measurement through external current transformers
- System frequency measurement
- Built-in phase sequence error indication
- Adjustable current transformer ratio
- Panel-mounted design

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage	85–300 V AC/DC (L–N)
Operating Frequency	50/60 Hz
Power Consumption	<4 VA
MEASUREMENT CHARACTERISTICS	
Phase-to-Neutral Voltage Range	1–300 V AC (L–N), RMS
Phase-to-Phase Voltage Range	1–500 V AC (L–L), RMS
Current Measurement Range	0.05–5 A AC, RMS (via CT)
Measurement Accuracy	±1%
Maximum CT Primary	9995 A
Frequency Measurement Range	40–60 Hz
Phase Sequence Monitoring	Built-in error indication
DISPLAY CHARACTERISTICS	
Display Type	Digital
Number of Displays	6
Displayed Parameters	Voltage, Current, Frequency

Phase Sequence Error Indication	Display indication
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
MECHANICAL CHARACTERISTICS	
Mounting	Panel mounting
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Weight	Maximum 300 g
Protection Class	IP20
Front Dimensions	96 × 96 mm

Ammeters



REPRESENTATIVE IMAGE

VK-A72

VK-A72 Single-Phase Digital Ammeter 72X72

The VTEKE VK-A72 is a single-phase digital ammeter designed for AC current measurement in electrical distribution and control panels. Its compact 72 × 72 mm housing and digital display support industrial current monitoring.

KEY FEATURES

- Single-phase AC current measurement
- Digital current display
- Current measurement through an external CT
- Front-panel configuration buttons
- Compact 72 × 72 mm housing
- Panel-mounted design
- Plug-in terminal connection

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage	150–270 V AC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
MEASUREMENT CHARACTERISTICS	
Measurement Type	Single-phase AC current
Measurement Accuracy	±1%
DISPLAY CHARACTERISTICS	
Display Type	Digital
Number of Displays	1
Displayed Parameters	Current (A)
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
MECHANICAL CHARACTERISTICS	
Mounting	Assembly to panel front cover
Connection Type	Plug-in terminal connection

Maximum Cable Cross-Section	1.5 mm²
Weight	<220 g
Protection Class	IP41 (Front Panel), IP20 (Body)
Front Dimensions	73.3 × 73.3 mm
Panel Cutout	68 × 68 mm
Housing Depth	44.4 mm
Overall Depth	51 mm



REPRESENTATIVE IMAGE

VK-A72S

VK-A72S Digital Adjustable Ammeter with Protection 72X72

The VTEKE VK-A72S is a single-phase digital adjustable ammeter for AC current monitoring and protection in distribution and control panels. It offers configurable high/low current thresholds, waiting and automatic reset times, hysteresis, and a relay output. Dual LED displays support current monitoring and configuration.

KEY FEATURES

- Single-phase AC current measurement and protection
- Adjustable high and low current setpoints
- Adjustable fault waiting time
- Adjustable automatic reset time
- Adjustable inrush multiplier and time
- Adjustable maximum reset count
- Adjustable current hysteresis
- Dual LED display
- Relay output for protection control
- Saves demand value

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage	150–240 V AC
Operating Frequency	50/60 Hz
Operating Power	<6 VA
MEASUREMENT CHARACTERISTICS	
Measurement Type	Single-phase AC current
Current Transformer Ratio	5/5 A to 995/5 A
Measuring Range (datasheet text)	15 OmA – 5.5 A (unclear source notation)
PROTECTION & CONTROL CHARACTERISTICS	
High Current Setpoint	Adjustable
Low Current Setpoint	Adjustable
High/Low Current Fault Waiting Time	Adjustable
High/Low Current Automatic Reset Time	Adjustable
Inrush Multiplier and Time	Adjustable
Maximum Reset Count	Adjustable
Automatic Reset Function	Available
High/Low Current Hysteresis	Adjustable
Demand Value	Saved
OUTPUT CHARACTERISTICS	
Output Type	Relay output
Relay Rating	5 A, 250 V resistive load

DISPLAY CHARACTERISTICS	
Display Type	LED
Display Configuration	2 × LED display
Displayed Information	Current measurement and settings
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
MECHANICAL CHARACTERISTICS	
Mounting	Panel mounting
Connection Type	Terminal connection
Panel Hole Size	67 × 67 mm
Weight	0.230 kg
Front Dimensions	74.3 × 74 mm
Housing Depth	56.7 mm
Front Bezel Depth	7.7 mm
Terminal Extension	12.7 mm



REPRESENTATIVE IMAGE

VK–A96

VK-A96 Single-Phase Digital Ammeter 96X96

The VTEKE VK-A96 is a single-phase digital ammeter designed for AC current measurement in low-voltage electrical installations. It measures current through an external current transformer and features an adjustable CT ratio, providing a practical solution for electrical distribution panels and industrial control applications.

KEY FEATURES

- Single-phase AC current measurement
- Digital current display
- Current measurement through an external current transformer
- Adjustable current transformer ratio
- Panel-mounted design
- Compact 96 × 96 mm housing

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage	85–300 V AC/DC (L–N)
Operating Frequency	50/60 Hz
Power Consumption	<4 VA
MEASUREMENT CHARACTERISTICS	
Current Measurement Range	0.05–5 A AC, RMS (via CT)
Measurement Accuracy	±1%
Maximum CT Primary	9995 A
DISPLAY CHARACTERISTICS	
Display Type	Digital
Number of Displays	1
Displayed Parameters	Current (A)
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m

MECHANICAL CHARACTERISTICS	
Mounting	Panel mounting
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Weight	Maximum 300 g
Protection Class	IP20
Front Dimensions	96 × 96 mm



REPRESENTATIVE IMAGE

VK-A96-T

VK-A96-T Three-Phase Digital Ammeter 96X96

The VTEKE Three-Phase Digital Ammeter is designed for monitoring electrical current in three-phase low-voltage distribution systems. Featuring three digital displays, it provides simultaneous current measurements for each phase through external current transformers. Adjustable CT ratios support use in distribution panels and motor control applications.

KEY FEATURES

- Three-phase AC current measurement
- Three digital displays for simultaneous phase current monitoring
- Individual current measurement for L1, L2, and L3
- Current measurement through external current transformers
- Adjustable current transformer ratios
- Panel-mounted design
- Compact 96 × 96 mm housing

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage	85–300 V AC/DC (L–N)
Operating Frequency	50/60 Hz
Power Consumption	<4 VA
MEASUREMENT CHARACTERISTICS	
Current Measurement Range	0.05–5 A AC, RMS (via CT)
Measurement Accuracy	±1%
Maximum CT Primary	9995 A
Number of Measured Phases	3
DISPLAY CHARACTERISTICS	
Display Type	Digital
Number of Displays	3
Displayed Parameters	Current (A)
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
MECHANICAL CHARACTERISTICS	
Mounting	Panel mounting
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Weight	Maximum 300 g
Protection Class	IP20
Front Dimensions	96 × 96 mm

Voltmeters



REPRESENTATIVE IMAGE

VK–V96

VK-V96 Single-Phase Digital Voltmeter 96X96

The VTEKE VK-V96 is a single-phase digital voltmeter designed for AC voltage measurement in low-voltage electrical installations. Featuring a digital display, it provides clear voltage readings for distribution panels, industrial installations, and control systems.

KEY FEATURES

- Single-phase AC voltage measurement
- Digital voltage display
- Direct voltage measurement
- Continuous voltage monitoring
- Panel-mounted design

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage	85–300 V AC/DC (L–N)
Operating Frequency	50/60 Hz
Power Consumption	<4 VA
MEASUREMENT CHARACTERISTICS	

- Compact 96 × 96 mm housing

Voltage Measurement Range	1–300 V AC, RMS
Measurement Accuracy	±1%
DISPLAY CHARACTERISTICS	
Display Type	Digital
Number of Displays	1
Displayed Parameters	Voltage (V)
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
MECHANICAL CHARACTERISTICS	
Mounting	Panel mounting
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Weight	Maximum 300 g
Protection Class	IP20
Front Dimensions	96 × 96 mm



REPRESENTATIVE IMAGE

VK-V96-T2

VK-V96-T2 Three-Phase Digital Voltmeter 96X96

The VTEKE VK-V96-T2 is a three-phase digital voltmeter designed for monitoring AC voltage in low-voltage electrical distribution systems. Featuring three digital displays, it provides simultaneous voltage monitoring across three phases in industrial installations and distribution panels.

KEY FEATURES

- Three-phase AC voltage measurement
- Three digital displays for simultaneous phase voltage monitoring
- Phase-to-neutral voltage measurement
- Phase-to-phase voltage measurement
- Direct voltage measurement
- Panel-mounted design
- Compact 96 × 96 mm housing

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage	85–300 V AC/DC (L–N)
Operating Frequency	50/60 Hz
Power Consumption	<4 VA
MEASUREMENT CHARACTERISTICS	
Phase-to-Neutral Voltage Range	1–300 V AC (L–N), RMS
Phase-to-Phase Voltage Range	1–500 V AC (L–L), RMS
Measurement Accuracy	±1%
Number of Measured Phases	3
DISPLAY CHARACTERISTICS	
Display Type	Digital
Number of Displays	3
Displayed Parameters	Voltage (V)

OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
MECHANICAL CHARACTERISTICS	
Mounting	Panel mounting
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Weight	Maximum 300 g
Protection Class	IP20
Front Dimensions	96 × 96 mm

DC Ammeter



REPRESENTATIVE IMAGE

DC-A72

DC-A72 DC Digital Ammeter 72X72

The VTEKE DC-A72 is a digital DC ammeter for current monitoring in DC electrical systems. It measures DC current through an external shunt, with a compact 72 × 72 mm panel-mounted housing for battery systems and industrial DC distribution.

KEY FEATURES

- DC current measurement
- Digital current display
- Current measurement through an external shunt
- Shunt signal measurement
- Compact 72 × 72 mm housing
- Panel-mounted design
- Plug-in terminal connection

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage	150–270 V AC
Operating Frequency	50/60 Hz
Operating Power	<6 VA
MEASUREMENT CHARACTERISTICS	
Measurement Type	DC current
Shunt Measurement Range	0.3–70 mV
Shunt Configuration (datasheet)	10–900 A (60 mV)
Measurement Accuracy	±5%
DISPLAY CHARACTERISTICS	
Display Type	Digital
Number of Displays	1
Displayed Parameters	DC Current (A)
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
MECHANICAL CHARACTERISTICS	
Mounting	Assembly to panel front cover

Connection Type	Plug-in terminal connection
Maximum Cable Cross-Section	1.5 mm²
Weight	<220 g
Protection Class	IP41 (Front Panel), IP20 (Body)
Front Dimensions	73.3 × 73.3 mm
Panel Cutout	68 × 68 mm
Housing Depth	44.4 mm
Overall Depth	51 mm

DC Voltmeter



REPRESENTATIVE IMAGE

DC-V72

DC-V72 DC Digital Voltmeter 72X72

The VTEKE DC-V72 is a digital DC voltmeter for voltage monitoring in DC electrical systems. Its digital display and compact 72 × 72 mm panel-mounted housing suit industrial control panels, battery systems, and DC distribution.

KEY FEATURES

- DC voltage measurement
- Digital voltage display
- Voltage measurement up to 500 V DC
- Compact 72 × 72 mm housing
- Panel-mounted design
- Plug-in terminal connection

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage	150–270 V AC
Operating Frequency	50/60 Hz
Operating Power	<6 VA
MEASUREMENT CHARACTERISTICS	
Voltage Measurement Range	1–500 V DC
Measurement Accuracy	±2%
Measurement Type	DC voltage
DISPLAY CHARACTERISTICS	
Display Type	Digital
Number of Displays	1
Displayed Parameters	DC Voltage (V)
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
MECHANICAL CHARACTERISTICS	
Mounting	Assembly to panel front cover
Connection Type	Plug-in terminal connection
Maximum Cable Cross-Section	1.5 mm²

Weight	<220 g
Protection Class	IP41 (Front Panel), IP20 (Body)
Front Dimensions	73.3 × 73.3 mm
Panel Cutout	68 × 68 mm
Housing Depth	44.4 mm
Overall Depth	51 mm