

SPECIFICATIONS

Dielectric testing	
Test voltage	1,000 V / 1,890 V / 2,500 V
I limit	0.1 to 100 mA (1,890 V / 2,500 V) 0.1 to 200 mA (1,000 V)
I _{max} of HV/Power source	200 VA
Timer	2, 3, 5, 10, 30 s
Insulation resistance measurement	
U _{test}	250 / 500 V _{DC}
Range	Up to 200 MΩ
Timer	5, 10, 30, 60, 120 s
Continuity testing	
Range	0.01 to 1.99 Ω
I test	0.20 / 10 A
U test	< 9 V
Timer	5, 10, 30, 60, 120, 180 s
Leakage current measurement	
Substitution method	0,00 to 19.99 mA
Differential method	0,00 to 9.99 mA
Accuracy	± (5 % of reading + 5 cts)
Contact leakage current measurement	
Measurement range	0.00 to 2.50 mA
Accuracy	± (5 % of reading + 3 cts)
60 V discharge time measurement	
Voltage range (peak value)	0 to 550 V
Time range	0 to 10 s
Functional test	
Apparent power	0.00 to 4.00 kVA
Power-lead polarity test	
	YES
Current measurement with clamp	
	0.00 mA to 24.9 A
PRCD testing	
Calibre	10, 15, 30 mA
Test current	0,5xI _{Δn} , I _{Δn} , 5xI _{Δn}
Other	Automatic PRCD test
RCD testing	
Calibre	10, 30, 100, 300, 500, 1,000 mA
Test current	0,5xI _{Δn} , I _{Δn} , 2xI _{Δn} , 5xI _{Δn}
Current type	AC / A
RCD type	General / Selective
Test type	Step / Pulse
U _c contact voltage measurement	YES
Other	Automatic RCD test

High-current Z _s loop measurement	
Test current	6.5 A
Range	0.00 to 1,999 Ω
Accuracy	± (5% of reading + 5 digits)
I _k calculation	0.00 to 23.0 kA
Z _s loop measurement (without RCD tripping)	
Range	0.00 to 1,999 Ω
Accuracy	± (5% of reading + 10 digits)
I _k calculation	0.00 to 23.0 kA
Z _i loop measurement	
Test current	6.5 A
Range	0.00 to 1,999 Ω
Accuracy	± (5% of reading + 5 digits)
I _k calculation	0.00 to 199 kA
Voltage / frequency	
	0 to 550 V / 14.0 to 499.9 Hz
Phase rotation	
Voltage	100 to 550 V _{AC}
Frequency	14 to 500 Hz

OTHER SPECIFICATIONS

RS 232	1 connection for barcode / RFID reader + 1 connection for printer / PC
USB	1 printer / PC connection
Alarms	Yes for all functions
Storage	6,000 memory locations
Software	Yes, delivered as standard

POWER SUPPLY

230V / 50-60Hz

FUNCTIONAL STANDARDS

VDE 701 702 / IEC / 60204 Ed.5
/ IEC / 60439 / IEC 61439

STANDARDS

IEC 61010-1 / IEC / 61557
(parts 1, 2, 3, 4, 6, 7 and 10)

ELECTRICAL SAFETY

Cat II / 300 V

DIMENSIONS / WEIGHT

33.5 cm × 16.0 cm × 33.5 cm - 8.4 kg