

	MD1060-LED	MD1160-LCD
AC Voltage		
Test Range	12 V ÷ 690 V	0 V ÷ 690 V
Response Time	<1s	<1s
Frequency Range	16 ÷ 400 Hz	16 ÷ 400 Hz
DC Voltage		
Test Range	12 V ÷ 690 V	0 V ÷ 690 V
Response Time	<1s	<1s
Continuity		
Indication	Acoustical and LED indication	Acoustical and LED indication
Continuity test (Acoustic)	0 ÷ 500 kΩ +50%	0 ÷ 500 kΩ +50%
Test Current	3.5 μA	3.5 μA
Phase Testing		
Phase Testing	Single-Pole Phase testing	Single-Pole Phase testing
Phase Sequence	Two-Pole Phase Sequence testing	Two-Pole Phase Sequence testing
Phase indication	>100 V AC	>100 V AC
Display		
	LED bargraph	LC display
Tolerance	12 V, 24 V, 50 V, 120 V, 230 V, 400 V, 690 V	0 V ÷ 690 V ± (3% ± 5dgt)
Safety & Protection		
Overload Category	CAT IV 600 V	CAT IV 600 V
Compliant to standards	IEC/EN 61243-3:2010, DIN VDE 0411, GS38	IEC/EN 61243-3:2010, DIN VDE 00411, IEC 61010-1, GS38
Protection degree	IP64 For outdoor use: Water jet and dust tight protection	IP64 For outdoor use: Water jet and dust tight protection
Temperature range	-15 ÷ 55 °C	-15 ÷ 55 °C
Power supply	2 x 1,5 V Type AAA Micro	2 x 1,5 V Type AAA Micro
Dimensions		
Weight	200 g	200 g
Dimensions	240 x 60 x 20 mm	240 x 60 x 20 mm