

Protective earth conductor resistance testing devices

Variant overview



Device	90-2A	90-2B	90-2C	90-4F	90-4G	90-4E
Applications						
Manual application	●	●	●	●	●	●
Automatic application	●	●	●	●	●	●
Testing parameters						
Test voltage	12 VAC	12 VAC	12 VAC	10 VAC	6 VAC	6 VAC
Programmable test current				10...25 A	25 A	12 A
Selectable test current	10...25 A	10...30 A	10...50 A			
Measurement ranges	0...300 mΩ	0...300 mΩ	0...200 mΩ	0...350 mΩ	0...200 mΩ	0...3,5 V
Measurement error display	< 5 % of setting			1,5 % of setting / ± 2 digit		
Measurement error analog output	< 2 % of setting			1,5 % of setting / ± 2 digit		
Interfaces						
Digital interface	●	●	●	●	●	●
Analog output 0...10 VDC (Measured value)	●	●	●	●	●	●
Alternative interfaces						
Ethernet	○ 90-2A E10	○ 90-2B E10		○ 90-4F E10	○ 90-4G E10	○ 90-4E E10
RS232	○ 90-2A E11	○ 90-2B E11		○ 90-4F E11	○ 90-4G E11	○ 90-4E E11
USB	○ 90-2A E12	○ 90-2B E12		○ 90-4F E12	○ 90-4G E12	○ 90-4E E12
Principal technical data						
Mains connection	230 V ± 10 %		230 V + 10 / - 5 %	230 V + 10 / - 5 %		
Mains frequency	49 .. 61 Hz					
Dimensions	3 HU / 36 HP	3 HU / 42 HP	19" / 4 HU	3 HU / 36 HP	3 HU / 36 HP	3 HU / 36 HP
Weight	6 kg	7 kg	30 kg	6 kg	6 kg	6 kg

● Standard ○ Optional