

Leakage current testing device

Variant overview



Device	92-4A	92-4D	92-4G	90-2M
Applications				
Manual application	●	●	●	
Automatic application	●	●	●	●
Operation				
LC-Display	●	●	●	
Interface	●	●	●	●
Start button	●	●	●	
Interfaces				
RS232-C	●	●	●	○
Digital interface				●
Analog output 0 .. 10 VDC (Measured value)				●
Connections				
1~ socket at front	●	●	●	
3~ socket at front			●	
Laboratory receptacles at front	●	●	●	
Calibration receptacles at front				●
Measurement connections at back	●	●	●	●
Testing parameters				
Test voltage internal	Mains .. 280 V	50 .. 280 V		
Test voltage programmable	○	○		
Test voltage internal potential-free		●		
Test current internal	0 .. 15 A	0 .. 4 A		
Test voltage external	50 .. 280 V	50 .. 280 V	50 .. 280 V / 50 .. 480 V	50 .. 280 V
Test current external	0 .. 15 A	0 .. 15 A	0 .. 32 A	0 .. 15 A

Device	92-4A	92-4D	92-4G	90-2M
Frequency external	50 .. 400 Hz			
Measurement range / resolution	0 .. 100 µA	0 .. 100 µA	0 .. 100 µA	0 .. 100 µA
Measurement error, measurement range 1 ² TRMS; MAD; alternating component	1 % of meas. + 10 digit	1 % of meas. + 10 digit	1 % of meas. + 10 digit	1 % of meas. + 3 µA
Measurement error, measurement range 1 ² Direct component; peak value	2 % of meas. + 30 digit µA	2 % of meas. + 30 digit µA	2 % of meas. + 30 digit µA	
Measurement error, measurement range 2 / resolution	0 .. 1 mA	0 .. 1 mA	0 .. 1 mA	0 .. 1 mA
Measurement error, measurement range 2 ² TRMS; MAD; alternating component	1 % of meas. + 10 digit µA	1 % of meas. + 10 digit µA	1 % of meas. + 10 digit µA	1 % of meas. + 5 µA
Measurement error, measurement range 1 ² Direct component; peak value	2 % of meas. + 30 digit	2 % of meas. + 30 digit	2 % of meas. + 30 digit	
Measurement error, measurement range 3 / resolution	0 .. 10 mA	0 .. 10 mA	0 .. 10 mA	0 .. 10 mA
Measurement error, measurement range 3 ² TRMS; MAD; alternating component	1 % of meas. + 10 digit	1 % of meas. + 10 digit	1 % of meas. + 10 digit	1 % of meas. + 50 µA
Measurement error, measurement range 1 ² Direct component; peak value	2 % of meas. + 30 digit	2 % of meas. + 30 digit	2 % of meas. + 30 digit	
Measured bandwidth of measurement amplifier	DC; 50 Hz .. 1 MHz			
Effective value measurement	● ¹	● ¹	● ¹	●
Average value measurement	● ¹	● ¹	● ¹	
Peak value measurement	● ¹	● ¹	● ¹	
AC component	● ¹	● ¹	● ¹	
DC component	● ¹	● ¹	● ¹	

Principal technical data				
Memory	200 data sets			
Mains connection	230 V ± 10 %; 49 .. 61 Hz			
Dimensions	19" / 4 HU			3 HU / 48 HP
Weight	31 kg	28 kg	20 kg	4 kg
Allowable humidity	25 .. 75 % rel.			
Working temperature	10 .. 50°C			
Test timer	1 s .. 24 h			

● Standard ○ Optional

¹ Dependent on the testing standard applied. Please also request the respective standards when ordering.

² Evaluated at DC / 50 .. 60 Hz