

# Leakage Current Tester

## three-phase

for stand-alone operation or automatic test systems

Product Group

**F**

- 19" / 4 HU slide-in unit
- for individual and system application
- single step testing and automatic test run by means of test schedules
- modular extendibility via norm-specific measuring circuits
- feeding of test voltage through external supply
- expandable for medicine technology
- large graphic capable LCD
- display menu - switchable to national language
- one-hand operation by rotary encoder with pressure point
- Password protection in three levels
- RS232 - interface for control via PC-software 95-9B Z92-4A or protocol printout
- CAN-interface (optional feature)
- comfortable PC-software package 95-9B Z92-4A for
  - controlling the test run
  - management of test schedules, measurements and statistics



**2GA27 92-4G**

The three-phase measuring unit 92-4G enables norm concurring measurements and evaluations of leakage currents on electrical appliances. The test voltage must be fed into the device by means of an external power supply.

The device can be used as an independent measuring system or as a component in semi or fully automatic test systems.

The testing instrument corresponds in operation and design to the leakage current tester 92-4A. For description of possible norms, control, etc see 92-4A.

On request are available custom-designed units, norm-specific measuring circuits (UL, CSA etc.), equipment with higher testing currents etc.

### TECHNICAL DATA

Test voltage external	3~ 50 ... 480 V 1~ 50 ... 280 V	
Current external	3~ max. 32 A 1~ max. 15 A	
Frequency external	50 ... 400 Hz	
Leakage current range	0 ... 100 µA / 0 ... 1 mA / 0 ... 10 mA	
Measuring error at 49 - 61 Hz:	TRMS, MAD and alternating component direct component, peak value measurement an measurement to EN 60990 Illustr. 3 : For all not medical measuring circuits the measuring error is min. 3 µA.	1.0% of rdg +10 Digit 2.0% of rdg +30 Digit
Measuring method:	A1 / A2	
Way of measurement:	TRMS, MAD, peak value, alternating and direct components	
Interfaces	RS232, CAN (optional feature)	
Mains supply	230 V +/- 10% / 49 - 61 Hz	
Weight	appr. 20 kg	
Dimensions	19" / 4 HU Depth 360 mm	

### ORDERING DATA

3~ Leakage current tester 19" / 4 HU

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MEASURING CIRCUITS / SOFTWARE / ACCESSORIES see leakage current tester 92-4A