



# ELIT 812 CAT III 600V

## Technical description

### Advantages:



|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Product name/ Art.nr/ GTIN       | ELIT 812 CAT III 600V/ 10250001/ 7070810005376 |
| According to:                    | ---                                            |
| Indication                       | Digital                                        |
| Measuring range selection        | Manual/automatic                               |
| Max. voltage measuring range, AC | 600 Volt                                       |
| Lowest resolution, AC voltage    | 0.1 mV                                         |
| Max. voltage measuring range, DC | 600 Volt                                       |
| Lowest resolution, DC voltage    | 0.1 mV                                         |
| Max. current measuring range, AC | 10 Ampere                                      |
| Lowest resolution, AC current    | 0.1 µA                                         |
| Max. current measuring range, DC | 10 Ampere                                      |
| Lowest resolution, DC current    | 0.1 µA                                         |
| Max. resistance measuring range  | 40 Mega-Ohm                                    |
| Lowest resolution, resistance    | 0.1 Ohm                                        |
| Temperature measurement RTD      | No                                             |
| Temperature measurement          | No                                             |
| Temperature measurement TC       | Yes                                            |
| Max. temperature measuring range | 760 Degrees celsius                            |
| Lowest resolution temperature    | 0.1 °C                                         |
| Capacitance measurement          | Yes                                            |
| Max. capacitance measuring range | 200 Mikro-Farad                                |
| Lowest resolution, capacitance   | 0.001 µF                                       |
| Frequency measurement            | Yes                                            |

|                                                       |                 |
|-------------------------------------------------------|-----------------|
| Max. frequency measuring range                        | 10000 kiloHertz |
| Lowest resolution, frequency                          | 0.01 Hz         |
| Resistance test/diode test                            | Yes             |
| Nominal test voltage 10 V                             | No              |
| Nominal test voltage 50 V                             | No              |
| Nominal test voltage 100 V                            | No              |
| Nominal test voltage 250 V                            | No              |
| Nominal test voltage 500 V                            | No              |
| Nominal test voltage 1000 V                           | No              |
| Cable length measurement                              | No              |
| Cable symmetry testing for two wire connections a-b-E | No              |
| Power and energy measurement                          | No              |
| Harmonics analysis/power quality                      | No              |
| With decibel measurement (dB)                         | No              |
| Relative value measurement                            | Yes             |
| Inductance measurement                                | No              |
| With conductivity measurement                         | No              |
| Continuity test                                       | No              |
| Data hold                                             | Yes             |
| Max. value storage                                    | No              |
| Min. value storage                                    | No              |
| Peak value memory                                     | No              |
| True RMS measurement                                  | No              |
| Duty cycle measurements                               | No              |
| Rotational speed measuring                            | No              |
| Measured value memory                                 | No              |
| Interface                                             | No              |
| Bluetooth interface                                   | No              |
| IR interface                                          | No              |
| Automatic circuit breaker                             | No              |
| Measuring circuit category                            | CAT IV          |
| Max. voltage measuring circuit category               | 300 Volt        |
| Explosion-tested version                              | No              |