

The New TELE – RE NA003

Grid and system protection

- ✓ **Multinational device**
different country standards
can be selected via display
- ✓ **Open setup**
fully configurable without
any limitations
- ✓ **Low and medium voltage grid**
one device for low and
medium voltage grid

Characteristics of a good grid and system protection

- Functional safety
- Voltage drop protection; Overvoltage protection;
Monitoring of voltage quality
- Frequency drop protection; Frequency rise protection
- Detection of off-grid operation by phase voltage monitoring,
RoCoF (Rate of change of frequency) and/or vector shift
- Non-volatile fault latch
- Random thresholds and reconnection times for non-adjustable
energy producer (e.g. combined heat and power plant (CHP))
- Wide rated voltage and rated frequency range
(up to 60Hz), adjustable rated voltage
- Free, practically unlimited parameterability
- Software update option on site; Interfacing
- Monitoring of 1 and 3 phase grids (with and without N)

