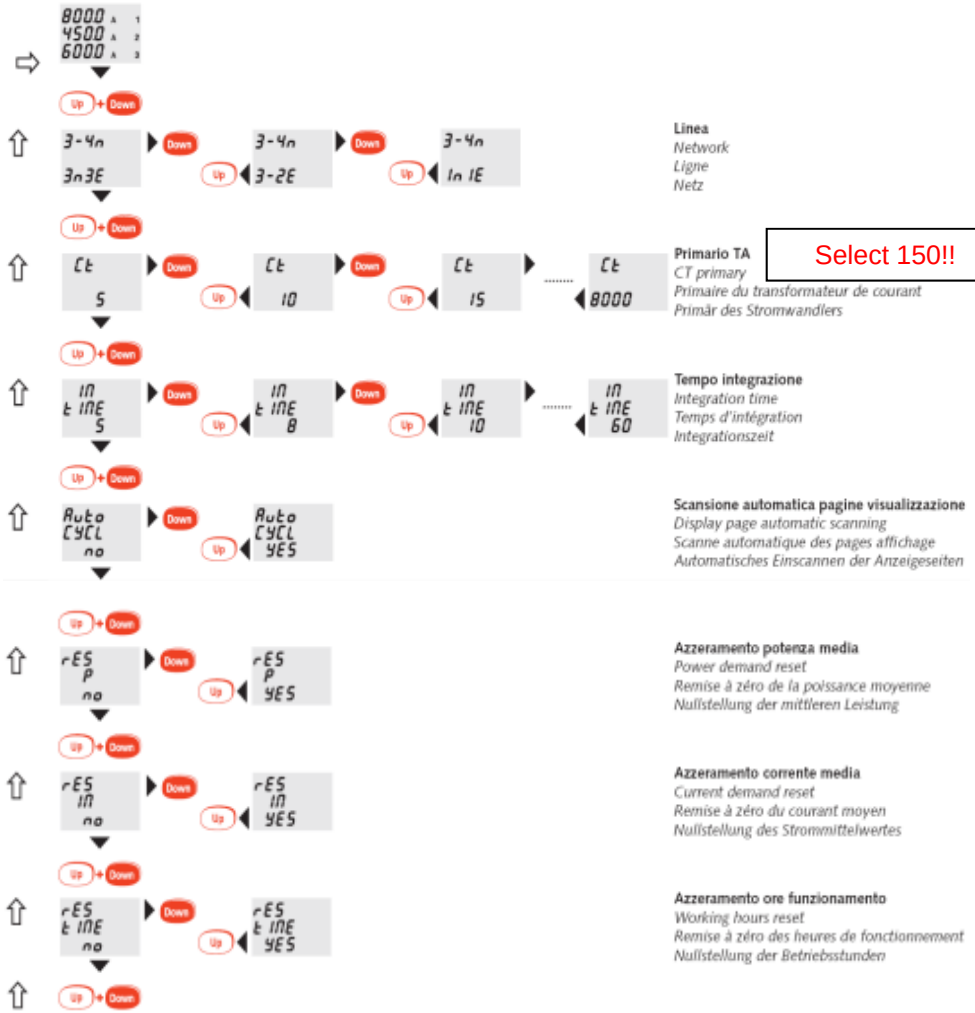
Programming / Programming modus

By simultaneously pressing the Up and Down keys, the programming mode is started.

Press the Up and Down keys simultaneously. The device returns automatically to the display mode.

Factory default: Please change not this settings!
Network: 3n3E → three phase / 4-wire
CT Primary → 150



USER MANUAL ENGLISH

RiedConn GmbH

USER MANUAL V2.1

MULTIMETERING
RC-M-DIN + RC-M-72

Network Monitor for low voltage

Three-phase network 340...450V
(phase - phase)
single-phase network 195...260V
(phase - neutral)
Connection with dedicated CT Programmable primary CT 5...8000A
(41 ranges)
True RMS value measurement

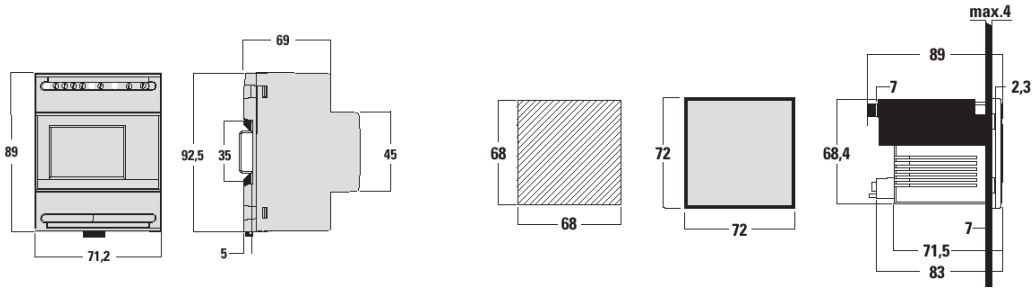
Application
The multi-meter is suitable for measuring the electrical quantities in a 4-wire three-phase system. The device records the currents, voltages, frequency and operating hours. Further, the current average values and the maximum values are shown. RC-M-DIN is designed for mounting on DIN rail 35mm and the RC-M-72 is suitable for panel mounting (front dimensions 72x72mm ²).

Specifications:
Reference temperature: 23°C +- 2°C
Specified operating range: -5….55°C
Limit Range for storage and transport: -25…..70°C
Max. power dissipation: <=6,8W
Protection degree (EN60529): IP54 front frame, IP20 terminals
Three-phase voltage: 340…450V (phase-phase)
Frequency rating fn: 50 HZ / Tolerance: 47….63HZ
Type of measurement: true RMS
Measuring voltage rated burden: <= 0,5A (each phase)
Current rated burden: <=0,5VA (each phase)
Insulation voltage rating: 300V
Pollution degree: 2

Technical modifications possible

USER MANUAL ENGLISH

Dimensions



Display

Display pages and displayed quantities differ according to the connection (single phase, three phase and 4-wire).

PHASE SEQUENZ CHECKING

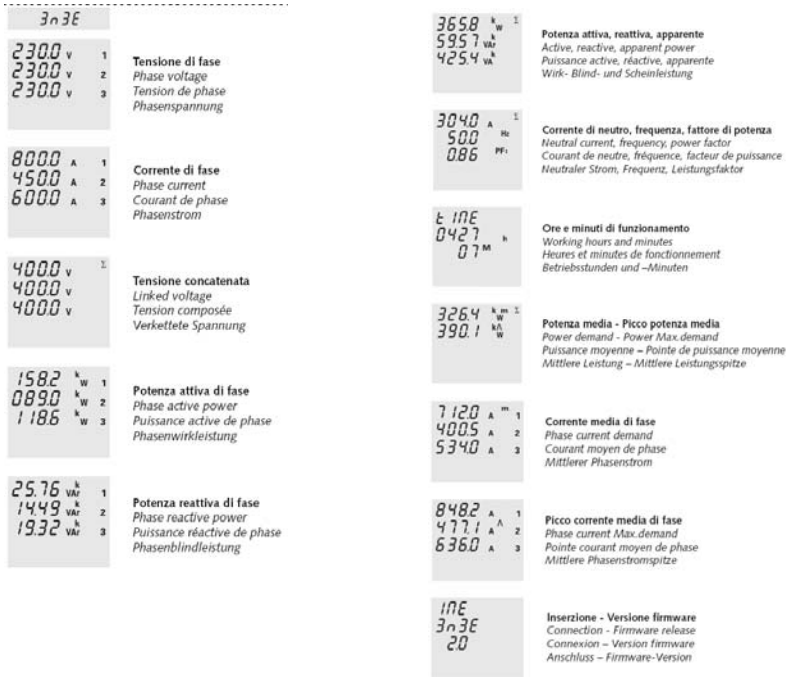
When the meter is turned on, a check of the correct connection of the voltmetric (phase sequence) is carried out. If the connection is wrong, Err 123 YES is displayed. In this case you have to correct the voltmetric connection and repeat the checking until you get the correct sequence (phase sequence clockwise).

ATTENTION!

A wrong phase sequence may lead to measuring errors.

Err 123

4-wire three phases Net:



Technical modifications possible