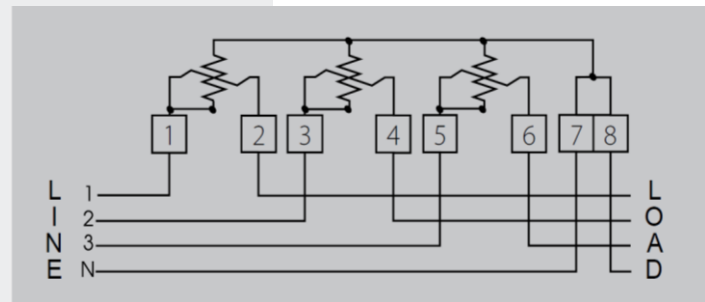


AEL.TF.32-1

THREE-PHASE

ACTIVE METERS



MODEL NAME

AEL.TF.32-1

MODEL DEFINITION

3 Phase, 4 Wires, 4 Tariffs, Demandmeter, Outdoor, Active Electronic Electricity Meter

ACCURACY (TS EN 504701-1)

B

REFERENCE VOLTAGE

3X230/400V

VOLTAGE TOLERANCE

0,8Un-1,15Un

REFERENCE FREQUENCY(Fn)

50Hz ±%5

STARTING CURRENT (Ist)

20mA (0,04 Itr)

MINIMUM CURRENT (Imin)

0,25 A

TRANSITION CURRENT (Itr)

0,5 A

REFERENCE CURRENT (In/Ib)

5A

MAXIMUM CURRENT (Imax)

100 A

IP CLASS

IP54

PROTECTION CLASS

2

RELATIVE HUMIDITY

%95

TEMPERATURE CONDITION

-40 °C, +70 °C

MECHANICAL ENVIRONMENT CLASS

M1 (2004/22/AT Directive)

ELECTROMAGNETIC ENVIRONMENT CLASS

E2 (2004/22/AT Directive)

WORK CONDITION

Non-Condensing Humidity

POWER CONSUMPTION-VOLTAGE CIRCUIT

≤ 2W, ≤10 VA

POWER CONSUMPTION-CURRENT CIRCUIT

≤ 4 VA

SURGE WITHSTAND

12kV

ESD VOLTAGE IMMUNITY

By direct contact: 8kV – By air: 15kV

METER IMPULSE CONSTANT

1000 imp/kWh

LCD SCREEN

6+3 Digit

COMMUNICATION RATES

Optical Port 300-4800 Boud,
Optional : RS485 300-4800 (IEC 62056-21)

INTERFACE

Optical Port (IEC 62056-21), Optional : RS485

BATTERY LIFE

≥ 10 year

BATTERY LIFE FOR RTC

≥ 10 year

SHELF LIFE FOR METER

≥ 4 year

RTC SENSITIVITY

0,5 s/date (room temperature) (TS EN 62054-21)

LOAD STORAGE CAPACITY

1 year

RELATED STANDARDS

TS EN 50470-1, TS EN 50470-3