

**5.1 - A.C. MACHINES**

- Design: with typical industrial characteristics.
- Input/output with standard 4 mm safety sockets.
- Manual explaining theory and practice
- available 2 and 4 poles version: 3/1,5Krpm
- Protection against thermal overload

- Rail base and shaft joints available for fast and easy coupling.
- Optional double shaft ends
- Also available: other voltage like 127/220V 60Hz version (speed is 20% higher)

*Accessories:*

- POWER AND EXCITATION SUPPLY

**Mod.4040 -3Phase Squirrel Cage Motor 2Poles 2850rpm**  
**Mod.4040-4 -3Ph Squirrel Cage Motor 4Poles 1420rpm**

- Nominal power: 1kW;
- Voltage: 230/400V delta/star (D/Y)
- 2P Speed: 50Hz/2850rpm (60Hz: 3400)
- 4P Speed: 50Hz/1420rpm (60Hz: 1700rpm)
- Weight: 10Kg; -Shaft H: 90/100mm



**Mod.4050 -3Ph Slip ring asynchronous motor 2Poles 2850rpm**  
**Mod.4050-4 -3Ph Slip ring asynchronous motor 4Poles 1420rpm**

- Nominal power: 1kW;
- Voltage: 230/400V delta/star
- Optional Voltage: 127/220V delta/star 60Hz
- 2P Speed: 50Hz/2850rpm (60Hz: 3400rpm)
- 4P Speed: 50Hz/1420rpm (60Hz: 1700rpm)
- Weight: 15Kg; - Shaft H: 90/100mm

*Accessories:*

- STARTING RHEOSTAT
- POWER SUPPLY



**Mod.4060 3Phase Dahlander Motor 2&4 Poles**  
**- 2Poles 2800rpm - 4poles 1400RPM**

- Nominal power: 1kW;
- Voltage: 400V star/star 50Hz
- Voltage: 230/400V delta/star (D/Y)
- 2P Speed connection: 50Hz/2800rpm (60Hz: 3400)
- 4P Speed connection: 50Hz/1400rpm (60Hz: 1700rpm)
- Weight: 10Kg; - Shaft H: 90/100mm
- Optional Voltage: 127/220V delta/star 60Hz



## 5.2 - A.C. MACHINES

- Design: with typical industrial characteristics.
- Input/output with standard 4 mm safety sockets.
- Manual explaining theory and practice
- available 2 and 4 poles version: 3/1,5Krpm
- Protection against thermal overload

- Rail base and shaft joints available for fast and easy coupling.
- Optional double shaft ends
- Other voltage available like 127/220V 60Hz n (speed is 20% higher)

*Accessories:*

- POWER AND EXCITATION SUPPLY

**Mod.4070 3Ph salient poles Synchronous Generator 3000rpm**  
**Mod.4070-4 3Ph salient poles Synchronous Generator 1500rpm**

With salient pole rotor. Modes: motor, generator.

- Nominal power: 1kW(gen.)/1kW(mot.)
- Voltage: 230/400V (delta/star)
- Optional Voltage: 127/220V delta/star 60Hz
- Excitation voltage: 0÷180Vdc
- 2P Speed: 50Hz/3000rpm (60Hz: 3600rpm)
- 4P Speed: 50Hz/1500rpm (60Hz: 1800rpm)
- Weight: 15Kg; - Shaft H: 90/100mm
- *Accessories:*
  - STARTING RHEOSTAT
  - POWER SUPPLY



**Mod.4074 3Phase Synchronous Generator 2P**  
**Mod.4074-4 3Phase Synchronous Generator 4P**

Non-salient (smooth) pole rotor. Modes: motor, generator.

- Nominal power: 1kW(gen.)/1kW(mot.)
- Voltage: 230/400V (delta/star)
- Optional Voltage: 127/220V delta/star 60Hz
- Excitation voltage: 0÷180Vdc
- Speed(2P): 50Hz/3000rpm (60Hz: 3600rpm)
- Speed(4P): 50Hz/1500rpm (60Hz: 1800rpm)
- Weight: 15Kg; - Shaft H: 90/100mm

*Accessories:*

- STARTING RHEOSTAT
- POWER SUPPLY



**Mod.4072 Single Phase Synchronous Generator 2P 3kRpm**  
**Mod.4072-4 Single Phase Synchronous Generator 4P**

With salient pole rotor.

- Nominal voltage: 220/230V
- Excitation voltage: 0÷170V DC
- Nominal power: 0,5 kW
- Speed(2P): 50Hz/3000rpm (60Hz: 3600rpm)
- Speed(4P): 50Hz/1500rpm (60Hz: 1800rpm)
- Weight: 15Kg; - Shaft H: 90/100mm



### 5.3 - A.C. MACHINES

- Design: with typical industrial characteristics.
- Input/output with standard 4 mm safety sockets.
- Manual explaining theory and practice
- available 2 and 4 poles version: 3/1,5Krpm
- Protection against thermal overload

- Rail base and shaft joints available for fast and easy coupling.
  - Optional double shaft ends
  - Other voltage available like 127/220V 60Hz n (speed is 20% higher)
- Accessories:
- POWER AND EXCITATION SUPPLY



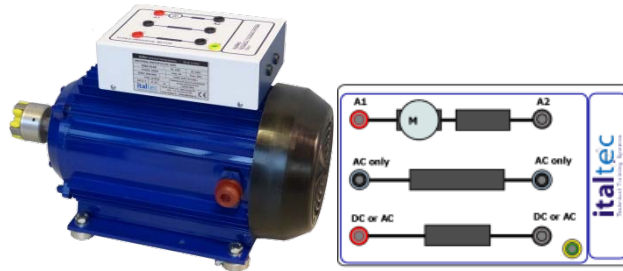
**Mod.4080 3Ph Reluctance synchronized motor 2P 3kRpm**  
**Mod.4080-4 3Ph Reluctance synchronized motor 4P 1,5kRpm**

- Nominal power: 0,6kW;
- Voltage: 230/400V delta/star (D/Y)
- Speed(2P): 50Hz/3000rpm (60Hz: 3600)
- Speed(4P): 50Hz/1400rpm (60Hz: 1800rpm)
- Weight: 10Kg; - Shaft H: 90/100mm
- Optional Voltage: 127/220V delta/star 60Hz

#### Mod.4130 Universal Motor

Modes: AC motor DC series motor

- Nominal voltage: 220V DC/AC
- Nominal speed: 3000rpm
- Nominal power: 0,6kW (DC) / 0,6kW (AC)
- Weight: 10Kg; -Shaft H: 90/100mm



**Mod.4090 Single Phase Ac Capacitor Run Motor Squirrel cage Motor**  
**Mod.4090-4 Single Phase Ac Capacitor Run Motor Squirrel cage Motor**

- Nominal power: 1 kW
- Nominal voltage: 220/230Vac 50Hz
- Optional Voltage: 127/220V delta/star 60Hz
- Speed(2P): 50Hz/2800rpm (60Hz: 3400)
- Speed(4P): 50Hz/1400rpm (60Hz: 1700rpm)
- Weight: 10Kg; - Shaft H: 90/100mm

#### Mod.4095 Split phase motor 2P 220/230V 2800rpm

#### Mod.4095-4 Split phase motor 4P 220/230V 1400rpm

Single-phase motor with starting auxiliary phase, complete with centrifugal starting switch and starting and running capacitor

- Starting capacitor and run capacitor
- Nominal power: 1kW
- Nominal voltage: 220/230V AC 1Ph 50Hz
- Optional Voltage: 127/220V delta/star 60Hz
- Speed(2P): 50Hz/2800rpm (60Hz: 3400)
- Speed(4P): 50Hz/1400rpm (60Hz: 1700rpm)
- Weight: 10Kg; - Shaft H: 90/100mm



**5.4 - A.C. MACHINES**

- Design: with typical industrial characteristics.
- Input/output with standard 4 mm safety sockets.
- Manual explaining theory and practice
- available 2 and 4 poles version: 3/1,5Krpm
- Protection against thermal overload

- Rail base and shaft joints available for fast and easy coupling.
  - Optional double shaft ends
  - Other voltage available (ie 127/220V 60Hz speed is 20% higher)
- Accessories:*
- POWER AND EXCITATION SUPPLY



**Mod.4120 Single Phase Ac Capacitor Start Motor 2800rpm**  
**Mod.4120-4 Single Phase Ac Capacitor Start Motor 1400rpm**  
Single-phase motor with starting auxiliary phase, complete with starting switch and starting capacitor

- Nominal power: 1kW
- Nominal voltage: 220/230V AC 1Ph 50Hz
- Optional Voltage: 127/220V delta/star 60Hz
- Speed(2P): 50Hz/2800rpm (60Hz: 3400)
- Speed(4P): 50Hz/1400rpm (60Hz: 1700rpm)
- Weight: 10Kg; - Shaft H: 90/100mm

**Mod.4122 Single Phase AC Capacitor Start/Cap. Run Motor 2800rpm**  
**Mod.4122-4 Single Phase AC Capacitor Start/Cap. Run Motor 1400rpm**  
Single-phase motor with starting auxiliary phase, complete with starting switch and starting and running capacitor

- Starting capacitor and run capacitor
- Nominal power: 1kW
- Nominal voltage: 220/230V AC 1Ph 50Hz
- Optional Voltage: 127/220V delta/star 60Hz
- Speed(2P): 50Hz/2800rpm (60Hz: 3400)
- Speed(4P): 50Hz/1400rpm (60Hz: 1700rpm)
- Weight: 10Kg; -
- Shaft H: 90/100m



**MOD.6030AL**  
**Universal base**  
with rail for easy and fast coupling for test of electrical machines



**Mod.6030W**



**Mod.6030B**