

The Schneider Electric TPRST009 is a motor starter from the TeSys island range, designed for direct-on-line (DOL) starting of motors. Here are some key details to help you integrate it into your RAG system:

Key Features:

- Rated Operational Voltage: Up to 690 V AC, 47-63 Hz.
- Rated Operational Current: 9 A at AC-3 (440 V), 15 A at AC-1 (440 V).
- Motor Power:
  - 2.2 kW at 230 V (AC-3)
  - 4 kW at 380-415 V (AC-3)
  - 5.5 kW at 500 V (AC-3)
  - 7.5 hp at 600 V (AC-3)
- Protection Functions: Thermal overload, phase loss, phase unbalance, phase reversal, long start (stall), locked rotor (jam), rapid cycle lockout, and ground current detection.
- Monitoring: When connected with the TPRVM voltage module, it provides power and energy monitoring, including max/average voltages and currents, number of switching cycles, number of faults, active and reactive power/energy

Integration:

- Bus Coupler: Connects to a TPRBC bus coupler for control, protection, and monitoring of loads up to 9 A and motors up to 4 kW at 400 V.
- Mounting: DIN rail mounting along with other TeSys island modules.
- Communication: Sends operational data and receives commands through the bus coupler