

Motorpact™

The ultimate MV motor starter

With fused vacuum contactors - for motors up to 4000kW at 7.2kV

Designed and manufactured to tackle the toughest power and process control challenges, our motor starters feature industry-first innovations that provide unmatched performance, high reliability, low maintenance and exclusive technologies.



Versatility

Motorpact™ MV motor starters provide the most efficient means to control and protect a wide range of applications including soft-start. They can also be configured for transformer feeders or future spaces.

Full safety

- Fully tested to internal arc withstand in all MV compartments
- Fully safe compartmented design preventing inadvertent access
- Visible earthed position of disconnector contacts from the front of the switchboard
- Cable earthing switch with making capacity
- All operations performed with door closed
- Operator errors prevented through simple interlocks

Reliability

- Simple architecture by use of a line disconnector, reducing the number of parts and providing simple and robust interlocks
- Multifunctional cast components minimising parts, consequently reducing maintenance and heat loss
- Pre-engineered solutions with low power current transducer (LPCT) and Sepam digital relay providing proven designs for the full range of motor applications
- Separate LV compartment enhancing EMC and wire management
- One design complying with all relevant IEC and NEMA standards

Maintainability

- All necessary maintainable motor starter components accessible without de-energising the switchboard
- Maintenance free vacuum contactor
 - High endurance, maintenance free disconnector
 - Thermal diagnosis system for predictive maintenance

Power web monitoring

The availability and the quality of electrical supply for industrial sites are vital. Reduction of energy costs and equipment optimisation are also major concerns.



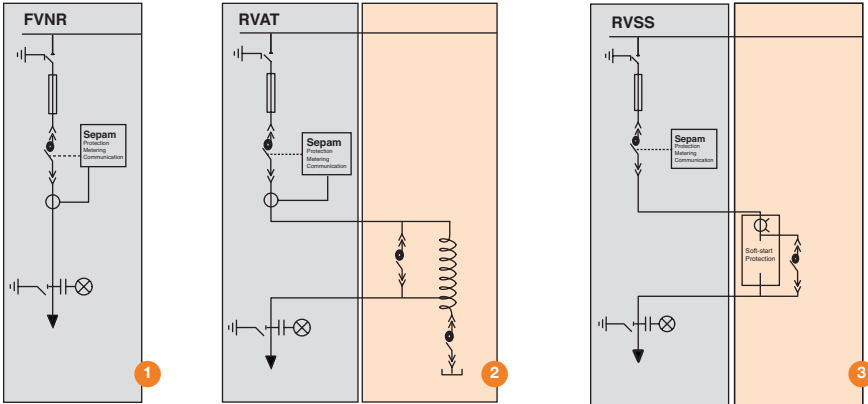
Merlin Gerin's integration of Web technologies into power equipment provides an innovative, optimised response to these needs. It allows simple, fast, secured sharing of data by all the players, via a common Web browser.

With Transparent Ready Motorpact, you can achieve :

- Remote monitoring
- Consumption follow-up
- Quality management
- Motors and transformers follow-up
- Measuring, data logging, time stamping

Compactness and flexibility

- Compact footprint of 375mm width
- One design allowing front, rear, top and bottom cable entries
- Simple and compact transition cubicles, allowing extension to other Schneider Electric equipment
- Ideal for retrofit applications



- 1 **FNVR**
Direct on line motor start
- 2 **RVAT**
Reduced voltage auto transformer motor start
- 3 **RVSS**
Reduced voltage soft motor start

