





# Relay

A Complete One-Stop Solution for Power Industry



**Partner** GE Energy



EPESOL's protection relays & control solutions is a rich blend of best solutions available worldwide. Being a *Partner* of **GE Digital Energy**, *Representative* of **Arteche**, Spain and involved in indigenous designing, our products line up offers complete one stop solution to your needs. Now running into some problem is an anomalous event because our strong after-sales and technical support is always there for you.



EPESOL Pvt. Ltd.





SR489

- Primary protection in cogeneration applications.
- Advanced CT saturation detection algorithms.
- 100% stator ground protection 3rd harmonic.
- Reduced load fluctuations.



# **Smart Generation**

## **Transformer Protection** Now You Know It All!









the most critical assets of a power system, for all sizes and



# **Smart Transmission**



D60



MIV II

- High-speed cost-effective five zones, quad or mho, selectable distance protection
- Complete IEC 61850 Process Bus solution with various other protocols
- Capability to protect Overhead lines including series-compensated lines and underground cables





- High speed, reliable, open and scalable protection systems.
- Advanced automation capabilities for customized protection and control solution.
- Improved and efficient over-current and earth fault algorithm.
- Breaker health monitoring capability.
- Dependable fault and event recording with remote accessibility



Smart Distribution



# **Smart Motoring**







• It has Short Circuit, over temperature, Mechanical Jam, Undercurrent, under frequency and Thermal Overload

M60

- Reliable & dependable Thermal model supplement by
- Time stamped event reports, waveform capture, motor start and motor trendin







EPTS — EPESOL





#### R & C Products

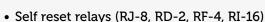












- Lockout relays (BJ-8, BF-3, BF-4, MI-16)
- Time-Lag relays (TDF-2, TDF-4, TDJ-8)
- Supervision relays (VDF-10, VDJ-30)
- Self power relays (smART SP)





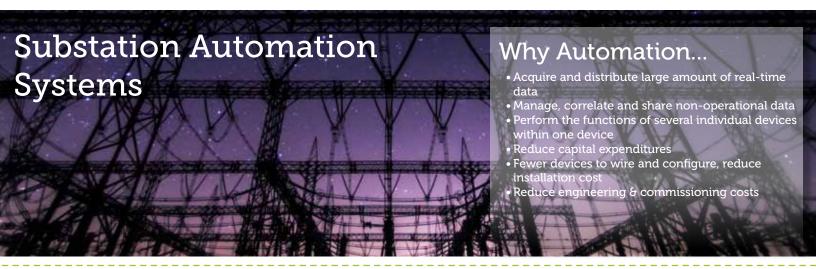
#### **Automation Hardware**

- F35 Multiple feeder management relay
- DDFR Distributed digital fault recorder
- HardFiber Process Bus Solution
- CCU1000 Central control unit

# **Products**

Offering one window solution for entire protection system, with EPESOL.

- · Supervision relays
- Flasher & battery earth fault relays
- Annunciators, heaters and hygrostats
- · Under voltage and time delay relays
- · Temprature gauges
- Over current relays (LV applications)
- · Over load relays (LV applications)



# Smart Metering

'cause every unit matters 🖥

# **Essential Power** Monitoring



**EPM 6000** 

- · Supervision Systems (SCADA) inte-
- Distributed Control Systems (DCS)

## Power Quality & Cost Management



PQM II

- Cost-center billing
- · Energy profiling
- Demand dispatch

### Advanced PQ **Analysis**





**EPM 9000** 

**EPM 9800** 

- · Substation remote monitoring
- · Transmission wholesale energy measurement







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