



Malani's Venture

'Malani Chamber', Rajabazar,
Aurangabad-431001
Tel.: 0240-2352076, 2342955
E-mail : spmalani@gmail.com
Web. : laxmielectricals.org

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SIEMENS

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Industrial Controls

Fundamentals of the Digital Enterprise



Your gateway to automation in the Digital Enterprise

www.siemens.co.in

Complete Range of Power Monitoring Devices for LV and HV Networks

PAC 3100 : Cost Effective Solution for digital measurement

- Display of instantaneous, maximum and minimum values
- Measurement of Active & Reactive Power (Import / Export / Net)
- CT polarity reversal correction from the device

PAC 3200 : Specialist solution for precise energy data capture

- Dual Metering function
- Integrated ethernet interface for MODBUS TCP communication
- Optional communication over PROFIBUS DP and PROFINET

PAC 4200 : Professional solution for communication and monitoring

- Integrated gateway functionality for MODBUS RTU devices
- Reliable event recording with battery backup
- Sliding window for maximum demand



ACB: 3WT

- Conforms to IEC 60947-2
- Rated current - 630A to 4000A
- Accurate protection through microprocessor based trip unit
- Unique ready-to-close interlock for maximum safety
- Mechanical contact erosion indicator
- Fully rated upto 50oC
- Neutral 100% rated
- Integrated online test facility
- LCD Display, as standard



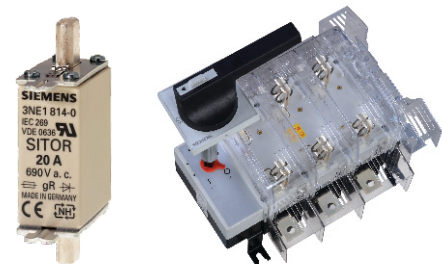
ACB: SENTRON 3WL

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Accurate protection through microprocessor based trip unit
- Unique ready-to-close interlock for maximum safety
- Mechanical contact erosion indicator
- Fully rated upto 55oC
- Neutral 100% rated
- Integrated online test facility
- Unique CubicleBus technology
- Data communication and power management options



HRC Fuses (DIN) 3NA / Super Switch 3KL/3KT/3KA

- High Breaking capacity of 120kA
- Dual indication for fault detection
- ISI marked
- Highly compact: upto 100A in size 000
- Wide range: upto 800A in SDF/1600A in SD
- Suitable for isolation as per IEC60947
- Suitable for power distribution as well as motor feeders
- Available in DP, TP, TPN & TPSN# version
- Handles with IP65 Ingress protection



MCCB: Sentron 3VA

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Thermal magnetic and Microprocessor based trip unit
- Common Internal accessories for the entire range
- Information on the GO - Unique Knowledge Manager (QR Code) for 24 X 7 Technical Information
- Innovative Accessories viz. Short Circuit Alarm Switch, Illuminated Handle, Shunt Trip Flexible etc.



Timing and Monitoring Relays Monitoring Relays

- Two sizes for the entire range 17.5mm & 35mm width
- Compact range
- The entire range is suitable for DIN rail mounting
- Variant with digital display
- Wide sensing range
- Auto / Manual reset
- LED indication for fault status



7RQ Plug-in Relays_2



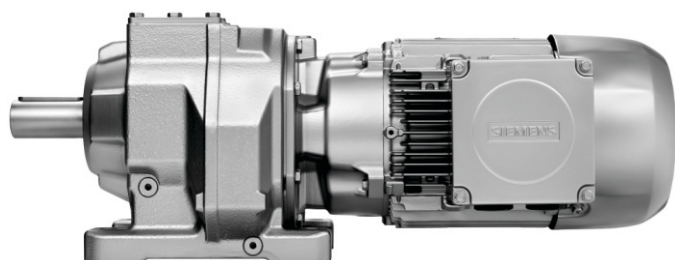
3SB5 Push Buttons & Indication Lamps



8WN Signaling Kumar



Geared Motor

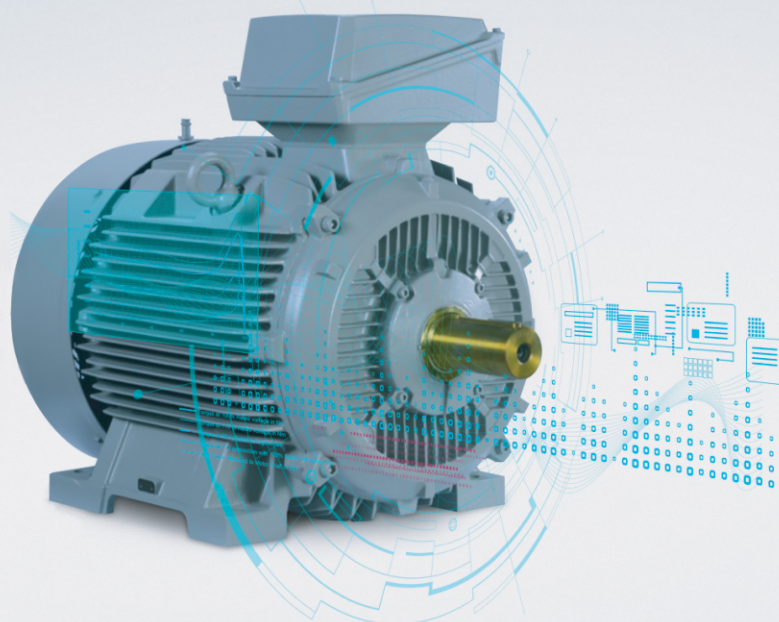


SIEMENS
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Take the giant leap to an energy-efficient future

With SIMOTICS 1LE7 motors

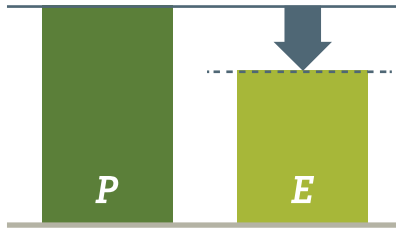
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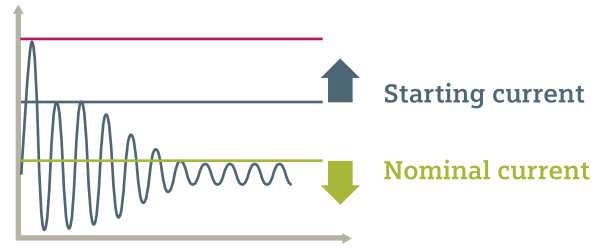
We are IE3/IE4 ready

SIRIUS industrial controls

IE3/IE4-compliant motors



consume less energy



but show higher currents when starting

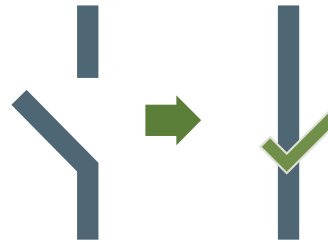
That's why we've optimized our SIRIUS industrial controls for IE3/IE4 motors



For example



no nuisance tripping during start-up



reliable switching with IE3/IE4 motors

The result

Reliable switching and protection of IE3/IE4 motors at any time

