JK Fenner

PowerTran®

Industrial Automation



What's here
powers what's nxt.

POWERTRAN®
Industrial Automation

JK Fenner

PT Series e³ AC Drive

- 1 Phase AC 200..240 V - 0.37kW to 2.2kW
- 3Phase AC 380..480 V - 0.75kW to 37kW
- Conformal coating as standard
- In-Built EMC filter
- Integrated brake chopper circuit
- Enclosure types - IP20, IP66
- Modbus RTU / CAN Open
- Bluetooth connectivity NFC
- Dual Analog inputs
- Operating temperature 50°C
- Din Rail Mount
- Built in PI Control



Applications:
Conveyor, Mixer, Washing machine, Fan, Pump, Compressor (Application Macros)

PT Series e² AC Drive

- 1 Phase AC 200..240 V - 0.75kW to 2.2kW
- 3Phase AC 380..480 V - 0.75kW to 250kW
- Conformal coating as standard
- In-Built EMC filter
- Integrated brake chopper circuit
- Enclosure types - IP20, IP55, IP66
- Modbus RTU / CAN Open
- Profibus / Profinet / Ethernet etc.,
- Encoder compatability
- Bluetooth connectivity NFC
- Safe Torque Off (STO)
- In-built PLC functionality
- Operating temperature 50°C



Applications:
Cranes & Hoist, Crusher, Winder, Extruder, Press, Mill etc.,

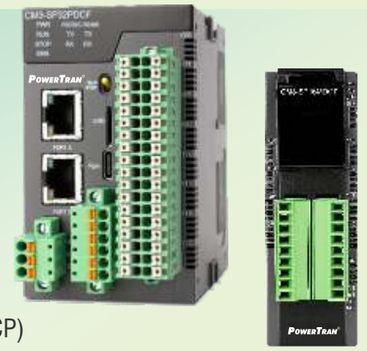
MICRO PLCS -SB Series

- 16/32 I/O_s with Tr / Relay type Output
- In-built 2 AI/AO,
- In-built ethernet, RS-485, RS-232
- High Speed Counter / 2 channel Servo Positioning
- Mini USB port, No expansion



PLCS-SP Series

- 16/32 I/O with Tr / Relay type output
- Up to 11 expansion modules
- HSC / Position 2 channel
- Built-in Serial, Ethernet (Modbus/TCP)
- Expansion - DI/DO, AI/AO, RTC/TC, OPC-UA, CDMA, Ethernet,



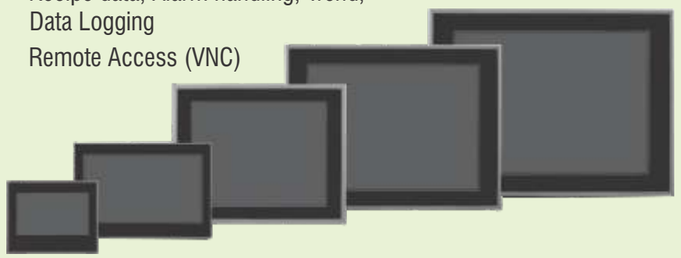
Hybrid-XPANEL

- 7 Inches HMI & PLC
- Recipe Data, Alarm Handling, Trend, Data Logging
- 16 I/O with Tr / Relay type output
- Equipped with 20kHz (kpps) high-speed counter
- 2-Axis servo control embedded
- Up to 3 expansion modules, Max 96 Input / Output
- Remote Access (VNC)



XPANEL-HMI

- Sizes: 4.3, 7, 10, 12, 15 Inches
- Recipe data, Alarm handling, Trend, Data Logging
- Remote Access (VNC)



ULTIMATE ACCESS SCADA



- Redundancy, Development/Runtime, OPC Server/Client
- Recipe data, Alarm handling, Trend
- Data Logging, Report and 2D & 3D Chart supported
- Remote Access (Web browser, Mobile application)
- IP Camera Integration

IPC

INDUSTRIAL PANEL COMPUTER



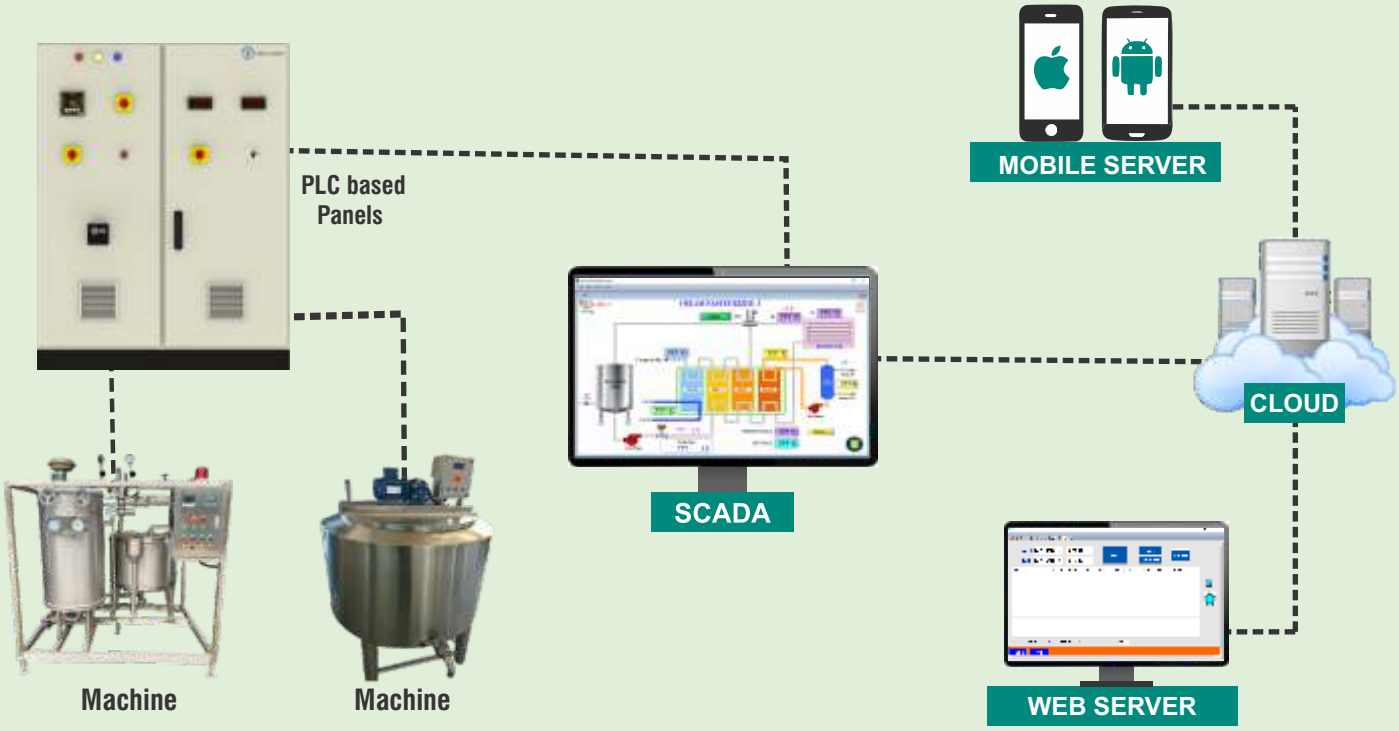
- Sizes : 10, 12, 15, 19 Inches
- RAM : 8GB / 16GB
- Storage : 256/512 GB / 1TB SSD
- Windows 10 IoT
- 3 USB Ports, 2 GB Ethernet Ports
- Anti - Scratch Panel
- RS-485, RS-232 communication ports

Smart Integrated Engineering Solutions

The convergence of the global industrial system with the power of Advanced Computing, Data Processing, Application Integration, Automated Process, Database, and new levels of connectivity permitted by the network.

And with it, there's major transformation taking place in the industry towards future.

- Digitization & Integration of Equipments
- Traceability
- Productivity, Optimization & Automation
- Ability to schedule predictive & preventive maintenance of equipments
- OEE, Digital Data logging
- Ability to Integrate manufacturing system with Internet of things data
- Process monitoring
- Energy efficiency management
- Data visualization & graphical distribution to anywhere
- Very less human intervention
- Automated alerts based on pre-defined conditions
- Email-Triggering



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