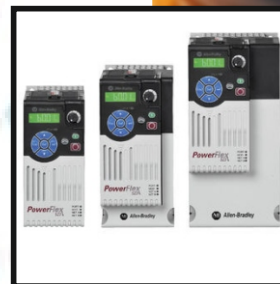
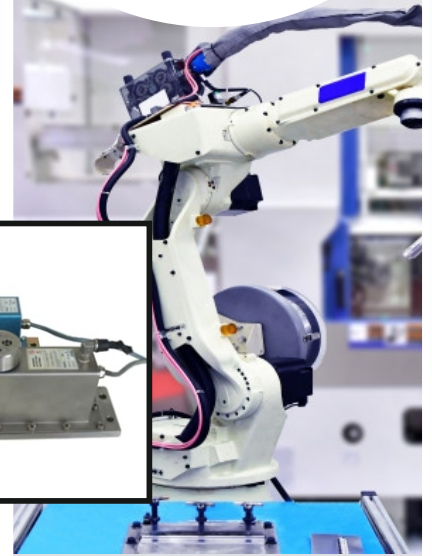
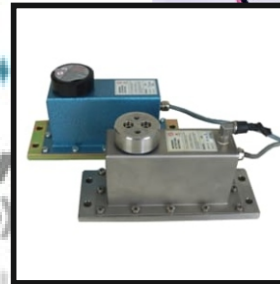


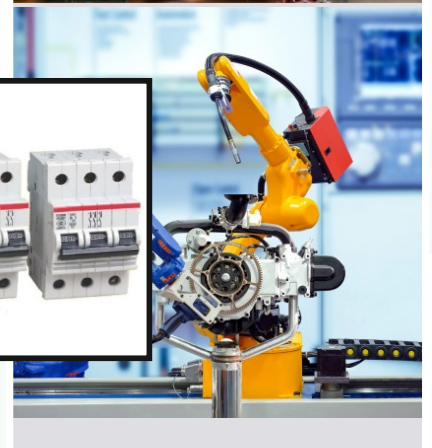


BANDHAN
INDUSTRIES

Products & Services Overview



- Industrial Automation
- Industrial Cables
- Philips Lighting - Indoor Commercial
- Philips Lighting - Outdoor Lights
- Industrial Fans





Company Profile

Bandhan Industries has been formed in the year 2016 with the aim of catering to the need of industrial automation.

The company is situated in Kolhapur & Mumbai and in a short span has built up a very impressive list of customers.

We provide solutions to control requirements across a broad range of industries, including Sugar Industries, Dairy, Pharma, textile, plastic, Foundries, automotive and engineering. We can supply complete turnkey packages of system design, PLC, SCADA, VFD, Servo Drives, LED Lighting Solution installation and commissioning, or any of these elements to suit your needs. Also we design and assembly of control panels, distribution boards, Low Voltage Motor Control Centers (MCC) for our own projects and also as an independent service for our clients.

We have been an established and popular company with an excellent track record for the best customer satisfaction in Automation and Electrical services. We have never compromised on the quality and the services provided to the customer. We believe in keeping the customers happy and providing them with products at a very competent price. We have an excellent staff and technical team who will guide you with their best ideas by keeping in a constant touch with your company and informing about new changes.

Contact Us



Mumbai Branch:

312/3rd floor, Blue Nile Commercial Complex,
Chandanwadi-Charai Junction, LBS Rd, near
Makhmali Talao, Panch Pakhdi, Thane West,
Mumbai 400602. ☎ 022-25411134

Kolhapur Branch:

522/1 E Ward, near Vishwakarma park,
Pratibha nagar, Kolhapur 416008.
☎ 0231-2692134 / 9420973813



www.bandhanindustries.co.in

Industrial Automation



Programmable Logic Controller

- Wide range PLCs available for all Industrial applications
- Suitable for different Industrial communication protocols
- DVP for standard Industrial applications
- AH Mid range hot-swappable PLC for high-level applications
- PLC software installation commissioning



Variable Frequency Drives

- Ratings available from 40w to 450Kw for wide range of applications
- Versatile driving controls
- Modular design
- Built-in PLC function
- Various power regenerative solutions to improve electric quality & save cost
- Various models to suit variety of applications such as machine tool, elevator, elevator door, packaging machines, textile machines, conveyors etc.



Human Machine Interface (HMI)

- Colour HMIs from 4.3" to 15" with Touchscreen
- 2/4/8 line text panels
- Text panels with built-in PLC also available
- Supports FTP, E-Mail, VNC Remote Monitoring and NTP (Network Time Protocols)
- RS232/RS485/RS422/Ethernet communications available
- Built-in drivers suitable for almost all available PLCs



AC Servo Motors & Drives

- Servo drives from 0.7 to 7.5kW
- Input 200-230VAC 1ph/3ph, 3ph 415VAC
- Built-in Position/Speed/Torque modes
- Support Modbus, Ethercat, Canopen communication protocol
- Servo motors from 0.1 to 7.5kW
- Encoder resolution 2500ppr/17bit/25bit, absolute (Optional)
- Max. Torque 0.96Nm to 119.36Nm
- Motor speed from 1000rpm to 5000rpm
- Approvals/compliances



Industrial Power Supplies (SMPS)

- SMPS with 12,24&48 VDC output in ratings from 15W to 960W
- Wide input range 85-264VAC(1ph)and 320-575VAC(3ph)
- Can operate on AC as well as DC input
- Corrosion proof aluminum housing
- Over Voltage , Overload, thermal, short-circuit protections
- 150% power boost for 3 seconds, 20mS hold up time
- Limitation to mains harmonic currents according to EN61000-3-2
- DIN-rail& panel mounting models available
- International approvals / compliances RoHS, CE, UL, CSA, UR, GS, N



Industrial Ethernet Solution

- Managed/Un-managed switches
- IEEE 802.11 WLAN
- Cloud routers
- Ethernet communication modules for PLCs
- Ethernet remote I/O modules



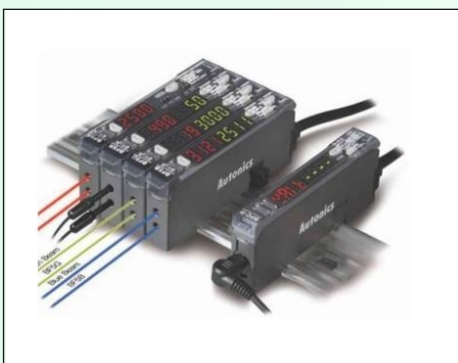
Proximity Sensors / Sensor Cables

- Full metal body & splatter Resistant sensors available
- Cylindrical, Flat & block types
- Sensing distance available upto 80mm
- Long sensing distance type sensors available
- Cable type & connector types



Photo Electric Sensors

- Reflective , Retro- reflective through beam types
- Various shapes such as Cylindrical, rectangular, U shaped push button type etc
- Sensing range available from 10mm to 20mtrs
- Minimum size detection from 0.15mm
- Colour sensor is also available



Fiber Optic Sensors / amplifiers

- Amplifiers with digital display as well as adjustable dials
- Fiber optic amplifier communication converters
- Fiber optic cables for various mounting requirements & conditions
- Sensing target dia from 0.0125mm
- Diffused reflective, through beam types



Area Sensors

- Cross Beam Elevator sensors
- Picking sensors
- Plastic & Metal body Type available
- General purpose & cross beam area sensors



Rotary Encoders

- Absolute & incremental type
- Solid shaft & hollow shaft types
- Encoder Diameters from 15mm to 100mm
- Incremental Encoder resolutions from 32 to 8000ppr
- Single & Multi- turn absolute encoders with resolution upto 23bit
- MPG, MPG pendant, wheel type encoders, Flexible couplings available



Temperature Controllers

- Simultaneous control upto 31 units & 124 channels
- High speed sampling rate from 50ms
- USB / RS485 communication models available
- Suitable for inputs such as Thermocouple / Pt100 / 4-20mA / 0-5VDC / 0-10VDC
- LCD/LED display, Blind & Analog dial type dependent on requirement
- Room/wall mount. Duct mount temperature/humidity transducer available



Thyristor Units/power Controllers/SSRs

- 1ph&3ph controllers with current rating upto 350A
- Fast, Accurate & Precise control with high speed CPU
- Built-in fast acting fuse for internal circuit protection
- Remote Monitoring & control through RS485 (modbus RTU)
- Various alarm outputs such as current error, heater disconnection etc.
- 1p/3p power controllers & SSRs
- Power controllers functions phase control, ON/OFF, Cycle control (Zero cross turn-on), soft start



Counters/Timers/Multifunction Meters

- Programmable Digital Counter/timers
- Compact 8 digit LCD backlight counters /timers
- Compact week/Year digital timers, Miniature analog timers,
- Compact Multifunction analog timers
- Multifunction meters I/P such as DC voltage/Current , AC voltage/current
- Allowable input range 500VDC,500VAC,DC5A,AC 5A
- 16 Different operation modes such as speed, length, error ratio etc.
- Power factor display function available



Pressure Transmitters

- High Pressure from 0-600bar
- Explosion proof & HART protocol compatible models available
- 316L stainless steel diaphragm for high corrosion resistance
- Various thread options
- Analog output 1-5 VDC, 4-20mA protection class IP67



S-Type Load Cells

- Rated Capacity from 5kg to 30t
- Available in Aluminium, Alloy Steel & Stainless steel
- IP Rating IP65, IP66, IP67, IP68, IP69K
- Applications : Tank/Bin/Hopper, weighing, Tension / compression Measurement, Food/Beverage processing, Level / inventory monitoring
- Vibration Filling equipments, Dynamometers, Cranes Hybrid scales etc.



Tension/Compression Disks/Canister Load Cells

- Rated Capacity from 100Kg
- Available in Aluminium, Alloy Steel & Stainless steel
- IP Rating IP66, IP67, IP68, IP69K
- Application : Testing machines, Silo / Hopper / Tank / Vessel weighing, Belt/ Platform scales, Truck scales, Harsh Environment, weigh bridges, Suspended Silo etc.



Instruments & Accessories

- Weight Indicators/Controllers
- Remote Weight Display
- Electronic Overload Guard
- Junction Boxes for Load cells
- Calibrator, Surge protector
- Mounts & Feet for various applications



Damped Load Cells/Extensometers/Load Pins

- Rated Capacity from 2Kg to 90kg
- Available in Aluminum, Mild Steel, Stainless Steel
- IP Rating IP65 & IP66
- Extensometers with Alloy Steel construction
- Load pins (Alloy Steel) from 25 to 60kN
- In-Situ Sensors in Stainless steel construction



Control Switches, Pilot Lights & Buzzers

- Sizes available in 16mm, 22.5mm & 30mm
- Illuminated Non-illuminated push buttons/selector switches
- Key switches, Mushroom head push buttons, Double push Button Switches
- Square, Round & rectangular
- Snap type contact elements
- Enclosures upto 1 to 5 push buttons



Tower Light/signal Light/Electronic Sirens

- Various shapes & sizes with multiple mounting options
- Bulb/LED Xenon type with multiple mounting options
- Patented refraction system & outstanding illumination
- Signal lights with rugged & robust design
- Tower Lights upto 5 colours with transparent as well as color lenses



Control & Signaling devices Ø22.5mm

- Guide channels available
- Aesthetically elegant
- Self wiping contacts
- Vibration proof fixing method
- Flame resistant & Corrosion resistant
- Shrouded terminals
- Available in plastic & metallic version



Control Stations/ Push Button Stations

- Polyester & cast aluminum models
- Control stations for Ø 22.5 & Ø 30.5mm
- Knock-outs for PG 13.5 glands in polyester stations
- Tapped holes in aluminum stations
- 1, 2, 3, 4, 6 & 9 way stations
- Suitable for -25 C to 70 C temperature range
- Protection class IP65



Industrial Plugs, Sockets & Enclosures

- Current Rating 16A, 32A & 63A
- Designed for extreme weather conditions
- Long life
- Protection class IP67
- Snap-in locking
- Increased corrosion resistant contacts to perfect connections
- Approvals Compliances



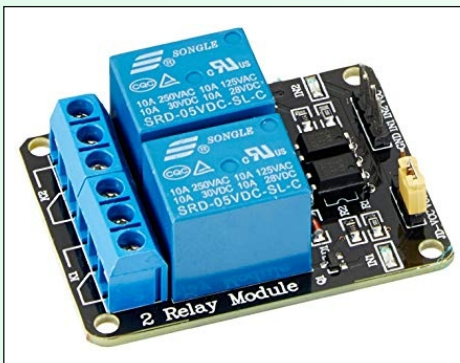
Miniature Circuit Breakers (MCBs)

- Current ratings from 0.2Amp to 63Am.
- MCBs with tripping characteristics B,C,D&M
- MCBs available for DC currents also
- Lockable ON and OFF position
- Lower & upper DIN rail clip for easy removal from row of MCBs
- Optical state indicator
- RCCB & RCBOs available



Distribution Boxes (DBs)

- CRCA/ Stainless steel body
- SPN, TPN, VTPN, 7 segment, phase selector, flexi tier single /
- double door DBs
- MCB, plug & socket, AC DBs
- Suitable For standard DIN rail mounted devices of any other make
- Powder coating with glossy finish
- Interchangeable enclosure bases



Relay Modules

- 1 / 2 / 4 / 8 / 16 channel general purpose relay modules
- 1 / 2 / 4 changeover with and without fuse
- 12VDC / 24VDC / 110VAC / 220VAC options
- CNC / PLC specific I / O modules
- FRC / D type passive modules



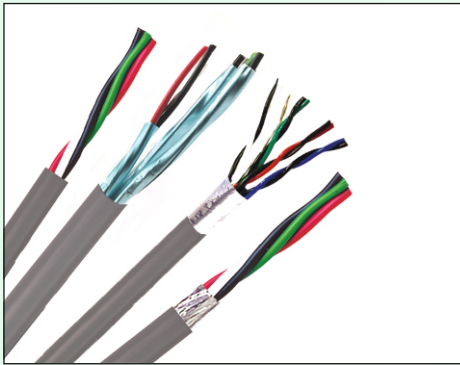
ABS/Polycarbonate Enclosures

- Sizes from 130 x 80 x 60 to 560 x 380 x 180mm
- Material Suitable for machining such as drilling etc
- Protection class IP66/IP67
- Opaque hinged door lock, mounting clamps available



Single & Multi core power/control Cables

- Single core wires according to IS/DIN/VDE/BS/UL
- Multi core cables with colour coding or numbered cores
- Copper or steel screened multi-core control cables
- Self-extinguishing & flame retardant
- RoHS / CH compliant



Data cables

- Shielded/Non-shielded cables as per international norm
- Cables cross section from 0.14sqmm to 1.5sqmm
- Twisted pair cables
- Cables with PU core insulation
- PiMF (pair in metal foil) Cables
- RoHS/CH compliant



Servo & Drag chain application cables

- Shielded/Non-shielded control cables for Drag chain application
- Data cables for Drag chain application
- Combined power & control cables for Servo application
- Special EMC compatible cables for High frequency Servo application
- Shielded/Non-shielded cables with Orange sheath
- RoHS/CE compliant



Other products

- Instrumentation cables
- Solar cables
- Auto cable
- Silicon cables
- Cables with International approvals etc.



DuraLED Highbay

Ip65& IK08 protected LED Highbay solution with PDC housing toughened & shattered proof glass available in both Narrow & Wide beam optics.



Highbay

Ip65 PDC LED Highbay with circular form factor and available in both Narrow and Wide beam optics options of toughened glass & PC cover to choose from



EnduraLED Midbay

Robust & reliable ip66 & IK08 protected Led midbay with PDC housing & toughened glass suitable for ceiling (Surface/Suspended).



DuraLED Wellglass

Single piece pressure die cast aluminum Well glass With high quality PC diffuser and has multiple mounting options available (Well, Ceiling, Eyebolt & Cradle)



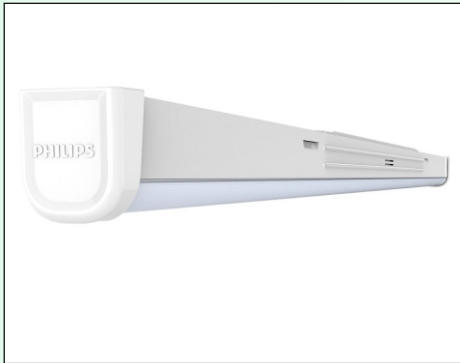
EnduraLED Wellglass Highlumen

Robust& reliable IP66 & IK08 protected LED Wellglass luminaire with PDC housing & polycarbonate diffuser suitable for Well & Ceiling mounting application



EnduraLED Bulhead

Pressure Die cast housing LED bulkhead with IP66 Protection and IK09 impact resistance suitable for surface and well mounting application



EnduraLED Next

Flicker free high efficiency and robust industrial batten family suitable for Surface Wall and Conduit mounting. The product family offers dimmable and connected batten option



TMC 501

Mounting rail for T LED lamps



GreenBay

Versatile Highbay family designed to address Recessed and Suspended Lighting application in Industries with multiple options of optics. Mounting accessories to be ordered separately.



Waterproof LED Luminaire

Surface/Suspended Mounted waterproof (IP65) luminaire for single and twin T8 T LED lamps.

Philips Lighting - Outdoor Lights



SmartBright Street

SmartBright Street is an IP66 street light luminaire with finless design which offers up to 70% energy saving.



Greenline

GreenLine is an IP66 road lighting luminaire with high power LED and unique peanut lens to ensure uniform light distribution. Higher spacing between poles and maintenance free system.



Skyline

Skyline is an IP66 road lighting luminaire with high power LED top openable and integrated optics to ensure uniform distribution higher spacing between poles and maintenance free system ideal for road width up to 8-12mts



Uniflood

Uniflood is an integral flood light with driver inside a PDC housing.

It is highly efficient, reliable and sturdy compared to similar LED, Halogen and Metal Halide flood lights.

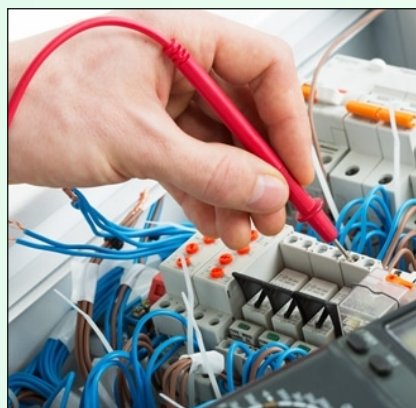


Uniflood 2

Uniflood is an integral flood light with driver inside a PDC housing. It is highly efficient, reliable and sturdy compared to similar LED, Halogen and Metal Halide flood lights.



Industrial Repairing Services



We repair all Automation Products of all Types & Makes of AC Drives, DC Drives, Servo Drives & Variable Frequency Drives (V.F.D.), Machine tools, Programmable Logic Control (P.L.C.), All types of motors, AC Motors, DC Motors, Servo motors, Spindle motors, Induction motors, Heavy duty motors, heavy rating motors, Linear motors, Industrial encoders & linear scales, Industrial computers, Human machine interface (HMI) panels & Operator panels (OP) of all international and local brands like Siemens, Fanuc, ABB, Allen Bradley, Mitsubishi, Yaskawa, Indramat, Heidenhain, Hengstler etc. and all other international and local brands.

Industrial Fans



EFFICIO

Sweep(MM)	Power(W)	RPM	Air Delivery(CMM)
900	28	470	157
1050	28	400	200
1200	28	350	230
1400	35	280	270
1200	28	350	230

-  Metallic Gold
-  Sand grey
-  Pearl white
-  Earth brown
-  Pearl ivory



Pedestal Fan

Sweep(MM)	Power(W)	RPM	Air Delivery(CMM)
400	30	1300	81



Wall mounted Fan

Sweep(MM)	Power(W)	RPM	Air Delivery(CMM)
400	30	1300	75



Contact Us



Mumbai Branch:

312/3rd floor, Blue Nile Commercial Complex,
Chandanwadi-Charai Junction, LBS Rd, near
Makhmali Talao, Panch Pakhdi, Thane West,
Mumbai 400602. ☎ 022-25411134

Kolhapur Branch:

522/1 E Ward, near Vishwakarma park,
Pratibha nagar, Kolhapur 416008.
☎ 0231-2692134 / 9420973813

🌐 www.bandhanindustries.co.in