

## **AUTOMATION & ELECTRICAL PRODUCT**

BEI IDEACOD: Specialist in Industrial Rotary Encoders is a subsidiary of CST Group and a business unit of Schneider Group. With more than 30 years experience in motion control the company offers complete range of Incremental Encoders, Absolute Encoders, Wire Drives(incremental/absolute/analogue), opto-tachos, Tachoencoders, Modular Encoders. For Hazardous Atmosphere ATX –Certified Incremental/Absolute and Wire drives are available.

PIZZATO ELECTTRICA,Italy . One of the most exhaustive range of Position switches ,with wide options of types of actuators, rollers, contact(contact configuration, models from light duty – medium duty to heavy duty ( withstand 180 Deg c), Micro -switches Geared Limit Switch, Foot switch, slack wire switches, belt alignment switches, Pull wire switches, Complete range of safety door interlocks, Light curtains, Safety relays etc. Most of the products are available in Explosion Proof Range.

CROUZET, France : Programmable Logic Controllers(opto 50I/0), Multi Function Analogue / Digital Timers, Counters, Control Relays; Inductive/Capacitive Proximity switches, Limit switches and Micro switches.

CRYDOM,France : Complete range of solid state relays

CEFEM, France Visible Cutout switches for use on low voltage high current On Load disconnectors, these are available in current ratings from 32A-3150A, 3-4-6-8 POLES, rated insulation voltage upto 1000V AC/1500V DC, High Breaking Capacities; AC 22,AC;23, Enclosure: Sheet Steel/Polycarbonate/Stainless Steel, Protection upto IP65, Explosion Proof Version is also available. These are in use in large numbers in all the plants of ACC as location isolation station for the drives and in use in thousands in Nalco& Balco. Hindalco, ACC, Utkal Alumina

GESSMANN,Germany: World Leaders in Industrial Master Controllers. Joysticks, Control switches, Foot Pedal switches suitable for Cranes, Stackers/Reclaimers/Reach Stackers, Fork Lifts, Excavators, Loaders, Mining Machines, Tower Cranes, Truck mounted cranes. Controllers are also available for Electro-hydraulic operation. Complete Crane/Machine control desk. In Master Controllers both multi-axis /single axis available , Controllers with potentiometer, Controller with Opto-electronic encoder with digital analogue output, Pendant Control Units, Cam Controllers etc.

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MODULOC,UK ; Hot Metal Detectors(HMDS) , HMDs with remote controllers utilizing fiber optic and interchangeable lens,, Mill Duty Photo switch, Pyrometers,, LASER distance meters with models of measurements off red hot metals upto 1250 deg C, Laser Length/width gauge –both cold & hot products. LASER CARNE ANTI-COLLISSION & CRANE (X-Y-Z) POSITIONING-with range up to 600m according to reflection surface.

SOLCON SOFT STARTERS INDUSTRIAL: Pumps/Hydraulic Systems/Fans, Blowers, Compressors, Conveyors :Complete product line from 8-3000A,208-15000V; Soft starters for slip-ring motors; available in choice of models for severe, heavy and standard application; sot smooth stepless acceleration & de-acceleration; superior starting and stopping characteristics for low and medium voltage motors; comprehensive in built motor protection; Full Description LED; UNIQUE FEATURES: Motor Insulation Protection; Analogue out put with Thermistor Input; RS-485 Communication with Modbus/Profibus&Profibus-TCP

SOLCON DC INJECTION BRAKES Ratings: Voltages: 230/400/460/600/.690'Amps;10-390A(9 models)(100-390a for 690V): Prevents Mechanical wear, stopping time of high inertia load, adjustable braking time, Auto stop-DC injection stops when motor stops, Din Rail mounting(standard10A, option 17-58A), Auto Mode/ Manual Mode, LED Display; Main Voltage Connected/ Braking Contactor Closed/Dc Injection on

#### BAUMER PROCESS INSTRUMENTATION : PRESSURE SENSORS & TRANSMITTOES

PRESSURE GAUGES; PRESSURE SWITCHES , TEMPERATURE SWITCH; INDUSTRIAL

THERMOMETERS(Bimetallic/GasFilled);TEMPERATURE SENSORS AND TRANSMITTER; LEVEL SENSORS :

#### CONDUCTIVITY SENSORS

SETRA PROCESS INSTRUMENTS : Founded in 1967 SETRA Systems of USA is leading designer and manufacturer of Pressure, Acceleration & Weight Sensing Devices. Having its manufacturing facilities in Boxborough, Massachusetts the company offers a wide range of PRESSURE TRANSDUCERS & TRANSMITTERS; HUMIDITY SENSORS, PRESSURE SWITCHES, FLOW SWITCHES, DIGITAL CURRENT SWITCHES AND ACCELEROMETERS.

#### FANS

SUNON: AC Axial Fans, DC Brushless Fans, Power Motor Fans(High Air Flow)

ROSENBERG: Radial Fans, Axial Fans, Duct Fans, Roof Fans, Inline Tube Fans

ECOFIT :Axial Fans; Hotgas Fans(Upto300Deg C);Cross Flow Fans, Single Axis Centrifugal Fans; Double Inlet Centrifugal Fans;