

NEWSLETTER ISSUE 1, 21 August 2006

Stock expansion



Royce Cross Agencies has a long association with Baldor DC motors and controllers. We have recently expanded our stock range to offer our customers "off the shelf" choices. This includes DC controllers, DC motors and gear motors, AC motors and gear motors spare parts and AC inverters.



Don't forget that Baldor offers Wash Down Duty AC motors.....

BALDOR...driving Australian industry into the future.

[Click Here](#) for Baldor range.

New Electric Motors Arrive

Motors with a difference. Royce Cross have taken delivery of the new and improved Crompton Greaves Global Series three phase motors. The new range benefit a wide range of customers and suitable for almost every industrial activity. All motors offer first degree finish and manufactured in accordance with ISO9001 quality systems.

Features: Aluminum Frames to 7.5kW, High Efficiency for low running costs, low noise levels, Euro voltage 400V +/-10% 50Hz, Dual frequency 50hz and 60Hz, High power factors, high torque with smooth acceleration and low current, IP55 protection.



PLUS Multi mount terminal box, by simply changing the position of the feet, the user is able to obtain right, left or top mounted terminal box positions.

[Click Here](#) to view catalogue.

A Bin Full Of Redundant Stock

Royce Cross Agencies acquired a Melbourne business and has 340 Items available at low prices.

Items include,

- Baldor motors and controllers
- WEG, WE, Leroy Somer, Teco, Crompton Greaves Electric Motors and many more
- Brake Motors
- Bonfiglioli, Motovario, STM, SITI Gear Reducers
- DC motors and Gear motors
- SEW Gear reducers and motors

Email Phillip Cross on phillip@roycecross.com.au for your copy of all stock available or [click here](#) for full list.

Or visit our website at www.roycecross.com.au and register.

Sam Penaluna joins our Technical Sales Team.

Sam has 12 years experience in AC & DC electric motor rewinds and repairs, generator repairs and fault finding. He will be calling on customers with new product features and offering advice on electric motors, gearboxes and variable speed drives requirements.

You can reach Sam on mobile 0425 712 402 or email samp@roycecross.com.au !

Monthly Featured Product



Symcom Motor Management & Protection Units.

Features

- Recordable voltage, current, last 4 faults, KWh usage, and power factor is available when using communications package.
- Digitally programmable for precise customizing.
- Sixteen set points can be programmed for maximum protection.
- Last fault memory provides instant troubleshooting diagnostics.
- UL and cUL listed as an overload relay.
- RS485 communication port for use with computerized systems using Modbus protocol.

Applications

The Model 777 can be used on any three phase motor drawing from 2 — 800 amps. Applications include CONVEYOR SYSTEMS, HVAC EQUIPMENT, PUMPS, SAWS, GRINDERS AND OTHER THREE PHASE ELECTRIC MOTORS.

Description

The Model 777 is a fully-programmable electronic overload relay. An alphanumeric LED display provides programming and diagnostic information. Sixteen parameters can be programmed in the Model 777:

- 1) Low Voltage Set Point
- 2) High Voltage Set Point
- 3) Voltage Unbalance Set Point
- 4) CT Size/Loop Setting
- 5) Overcurrent Trip Point
- 6) Undercurrent Trip Point
- 7) Current Unbalance Trip Point
- 8) Trip Class (5, 10, 15, 20, 30)
- 9) Rapid Cycle Timer (RD1)
- 10) Overload Restart Delay (RD2)
- 11) Underload Restart Delay (RD3 - Dry Well Recovery Timer)
- 12) No. of restarts after an overload (Manual or Automatic)
- 13) RS485 Address
- 14) No. of restarts after an underload fault
- 15) Underload Trip Delay
- 16) Ground Fault Trip Point

Programming the Model 777 is an easy four step process: 1) Rotate the MODE SELECT switch to the parameter to be programmed; 2) Depress and hold the RESET/PROGRAM button; 3) Rotate the DISPLAY/PROGRAM screw to the desired setting as shown in the LED display; and 4) Release the RESET/PROGRAM button.

An RS-485 port allows the Model 777 to be connected to an RM-2000 remote monitor or directly to a computer or PLC. The RM-2000/777 motor management system combines unsurpassed electronic motor protection and critical, user friendly motor monitoring. SymCom's Solutions Software (sold separately) can be used to monitor and control up to 99 Model 777s from a central computer. Using Solutions Software, an operator can control motors, view the operating parameters, and record the following operating parameters:

- Line - Line Voltages (Recordable) - Line Currents (Recordable) - Last 4 Faults (Recordable)
- Restart Delay Timers - KWH Usage (Recordable) - Power Factor (Recordable)

Protects 3-Phase motors from:

- Overload -Underload -Jams -Under Voltage -Over Voltage -Single Phasing -Unbalance (Voltage & Current) -Ground Fault (Class 11) -Rapid Cycling -Phase Reversal

Additional Features -

Fully Programmable -UL and cUL Listed -CE Compliant -CSA Approved -Automatic or Manual Reset - Tamper Guard -RS485 Communications Port -Surface Mount or DIN Rail Mount -Alphanumeric LED Diagnostic Display -Last Fault Memory -5 Year Warranty -Made in USA.

New Features

- Network Programmable -Ability to clear last fault

[Click Here](#) for specification details of Model 777



Other Products Click on Image



Worm Geared Motors



In-line Geared Motors



B56 & Mechtric Single Phase Electric Motors



Variable Speed Drives



Programmable Logic Controllers



RXM Series 3 Cast Iron Three Phase Electric Motors

- Brake Motors
- Hazardous Location Motors
- 2 Speed Motors
- Slide Rails
- [Soft Starters](#)
- Starters and Control
- Pulleys and Sprockets
- [Stainless Steel Enclosures](#)
- Rewinding and Repairs
- Electric Motor
- Spare Parts and Accessories

Staff Contact

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If you require any further information on our products and service please do not hesitate to contact us

[click here for more details](#)