Preface

Thank you for purchasing the SR Intelligent Controls Series (SR) of our company. You are recommended to take some time to read this manual, before putting the SR in to service. It tells you how to install, program and use the SR. The SR has, amongst many features, the advantage being able to be operated off line to prove in service performance before being commissioned into service. When you read the manual you will find many more advantageous properties of the products, it will greatly simplify the operation of SR for you.

The SR is a type of intelligent control, which uses function blocks for programming. It enables the control functions of a PLC to be achieved without the need for large number of instructions and complicated programming. When several function blocks are linked together in a specific way, relatively complicated control functions can be implemented. The programming can be carried out in a logical, speedy and verifiable manner. Programming can be implemented using a removable LCD liquid crystal display panel or by use of a computer. The latter approach is recommended for more complicated control schemes.

SR has a very wide range of applications. It can be used for the automation of an extensive range of electrical and mechanical equipment, flow control, building automation and many other fields. The implementation of SR provides for automation of many aspects of day-to-day life from home through to the commercial, manufacturing, mining, utility and service sectors of the economy. This manual will describe in detail the functional characteristics and operating methods for SR.

Notes:

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Our company reserves the right to make changes in design for improvement SR Intelligent Controls Series without notification.

Suggestions for improvement are welcomed.

Safety Guidelines:

This manual contains notices which you should observe to ensure your own personal safety, as well as to product and connected equipment. These instructions in the manual are highlighted by a warning triangle and are marked as follows according to their danger level:

⚠**Danger**

Indicates that death, severe harm to health or damage to assets will result if proper precautionary measures are not taken.

⚠**Caution**

Indicates that death, severe harm to health or damage can result if the respective precautionary measures are not taken.

⚠**Warning**

Draws your attention to particularly important information relating to the product and its handling, or to a part of the documentation requiring your special attention.

⚠**Notes**

Only qualified personnel should be allowed to start and operate this device. Qualified personnel in the sense of the information on safety technology in this manual are persons who are authorized to commission, to ground and to tag circuits, equipment and systems in accordance with established safety regulations and standards.

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