



# Certificate of Compliance

Certification Number: LR 101568-1

Revision: LR 101568-3

Date Issued: February 20, 1997

Issued to: Guardmaster Ltd  
Blanchard Works  
Ormside Close  
Hindley Green Industrial Estate  
Wigan  
Lancashire  
WN2 4HR  
England

*The products listed below are eligible to bear the CSA Mark*

Issued by: J Pankowski P.Eng  
Montreal, PQ, Canada

Signature: 

## PRODUCTS

CLASS No 3211 03 INDUSTRIAL CONTROL EQUIPMENT - Motor controllers - Auxiliary Devices

Interlocking devices with and without guard locking

Types: Isomag 4- Designation ISM-4, Contact code A600  
Rotocam - Designation HS, Contact code A600  
Centurion - Designation TDBS, Contact code A600  
Atlas - Designation SLS, Contact code A600 Safety circuit 250V 3A  
Solenoid 24V, 110V, 240V  
Lifeline 1 - Designation LRS-1, Contact code A600  
Lifeline 2 - Designation LRS-2, Contact code A600  
Senator - Designation C, Contact code A600  
Ensign - Designation ECS, Contact code B600  
Cadet - Designation CCS, Contact code B600  
Elf 1 - Designation ELF 1, Contact code B600  
Elf 1 - Designation ELF 1, Contact code B600  
Sprite 1 - Designation SPRITE 1, Contact code B600  
Sprite 2- Designation SPRITE 2, Contact code B600  
Imp - Designation IMP, Contact code B600  
Ferrogard - Designation FRS, Contacts 250V 2A Signal contacts 250V 0.5A  
Notes: Refer to page 2 for full details

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- Notes:**
- a) The Isomag designation includes INO/INC to indicate that this is the only contact arrangement.
  - b) The Rotocam designation has suffixes to indicate actuator shaft variants.
  - c) The Centurion designation has suffixes to indicate 'Right hand' or 'Left hand operation.
  - d) The Atlas designation has suffixes to indicate the solenoid voltage and side or front actuator entry.
  - e) The Senator designation has suffixes to indicate the type of enclosure, contact action and type of actuator.
  - f) The Ensign and Cadet designations have suffixes to indicate contacts fitted.
  - g) The Imp designation has suffixes to indicate actuator variants.
  - h) The Ferrogard designation has suffixes to indicate size of enclosure, size of cable fitted and contacts fitted.
  - i) The Senator, Ensign, Cadet, Imp, Sprite, Elf and Ferrogard controls are Certified as Components for use with other Certified equipment, where the suitability is determined by Canadian Standards Association

### APPLICABLE REQUIREMENTS

CSA Standard C22.2 No 14-95

Industrial Control Equipment

DQD 507



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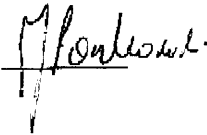
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Note: The NRTL/C indicator appears adjacent to the CSA Mark\**

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## PRODUCTS

CLASS No 3211 03 INDUSTRIAL CONTROL EQUIPMENT - Motor controllers - Auxiliary Devices  
CLASS No 3211 83 INDUSTRIAL CONTROL EQUIPMENT - Motor controllers - Auxiliary Devices

Minotaur series monitoring relays:

Ferrocde series coded magnetic switch and control units:

Refer to page 2 for full details

## APPLICABLE REQUIREMENTS

CSA Standard C22.2 No 14-95                      Industrial Control Equipment

ANSI/UL Standard UL 508                        Industrial Control Equipment

\*The 'NRTL/C' indicator adjacent to the CSA Mark signifies that the product has been evaluated to the applicable ANSI/UL and CSA standards, for use in the U.S and Canada. NRTL i.e Nationally recognised Testing Laboratory, is a designation granted by the U.S Occupational Safety and Health Administration (OSHA) to laboratories which have been recognised to perform Certification to U.S standards.



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### Minotaur series monitoring relays:

Types: Minotaur MSR5T relay, power supply 24V ac/dc, 2VA; with output contact ratings 3 N/O and 1 N/C 250V ac 2A  
Minotaur MSR6R/T relay, power supply 24V ac/dc, 4VA or  
Minotaur MSR6R/T relay, power supply 110V ac, 4VA or  
Minotaur MSR6R/T relay, power supply 240V ac, 4VA; all with output contact ratings 3 N/O and 1N/C 250V ac 2A  
Minotaur MSR7R or MSR7C relay, power supply 24V ac/dc, <4VA or  
Minotaur MSR7R or MSR7C relay, power supply 110V ac <4VA or  
Minotaur MSR7R or MSR7C relay, power supply 240V ac <4VA all with output contact ratings 3 N/O and 1 N/C 250V ac 2A

### Ferrocode series coded magnetic switch and control units:

Types: Ferrocode control unit; power supply 110/240V ac (selectable), 8VA or  
Ferrocode control unit; power supply 24V ac/dc, 8VA; both with output contact ratings; 2 N/O and 1 N/C 250V ac 2A  
Ferrocode coded magnetic switch and actuator; switch rated at power supply 24V dc; with output contact ratings: 1 N/C and 1 N/O, 28V dc 1A max.

### Notes:

- 1 The relays are Certified only for use in other equipment where the acceptability of the combination is to be determined by the Canadian Standards Association,
- 2 50-60 Hz applies where ac is declared.

DQD 507