



HoistMonitor

Innovation . . . Performance . . . Reliability

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Diagnostics that take the safety, maintenance and performance of the Spacemaster® SX hoist to new heights.



®

HoistMonitor

The HoistMonitor can be added to the Spacemaster® SX hoist controls to assist in the safe operation, maintenance and performance of the hoist and crane by constantly monitoring and recording selected functions.

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Bulletin No. HM-2006

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Three HoistMonitor configurations are available: the basic HoistMonitor; HoistMonitor Select and HoistMonitor Elite. In addition, various options are available for each of the configurations. Refer to the Spacemaster® SX Wire Rope Hoist Technical Guide for detailed function descriptions. The HoistMonitor Select and the HoistMonitor Elite can be used individually or jointly to provide customized functionality.

HoistMonitor

The basic functions of the **HoistMonitor** are:

- ✓ Overload protection
- ✓ Run and fault supervision
- ✓ Ensuring hoist starts and stops in slow speed
- ✓ Sudden loading supervision

HoistMonitor Select

Additional functions of the **HoistMonitor Select** are:

- ✓ All functions of the basic HoistMonitor
- ✓ Safe-working-period percentage (SWP %)
- ✓ Number of hoist starts - both directions
- ✓ Hours of hoist run time - both directions
- ✓ Hoist cycle counter
- ✓ Mean load calculation
- ✓ Brake safe-working-period percentage

The HoistMonitor Select functions allow for more efficient planning and scheduling of preventative maintenance and repairs.

HoistMonitor Elite

Additional functions of the **HoistMonitor Elite** are:

- ✓ All functions of the basic HoistMonitor
- ✓ Common hoist supervision - simultaneous hoist starts / stops
- ✓ Intermediate load limit settings (3 step)
- ✓ Summing overload protection
- ✓ CAN bus

The HoistMonitor Elite is only used when two or more hoists (5 maximum) operate together.

Available Options

- ✓ Slack rope supervision
- ✓ Bridge-mounted load display
- ✓ Overload indication light and / or horn
- ✓ Bridge / trolley run time
- ✓ LCD display available on an optional RaCon Series II Radio Control
- ✓ HoistMonitor Plus option adds a HoistMonitor display to a PBR style pendant

