



NSM SERIES

NEMA Signal Monitor Unit

A NEW STANDARD OF SAFETY AND RELIABILITY IN SIGNAL MONITORS

The EDI NSM Series Conflict / Voltage Signal Monitors meet or exceed all requirements of NEMA Standard TS1-1994, Section 6. The NSM series provides the basic functions required by the NEMA Standard. EDI quality and reliability provide additional assurance that cabinet equipment malfunctions will be detected and diagnosed properly.

The NSM series includes a twelve channel (NSM-12), six channel (NSM-6) and three channel (NSM-3) configuration.

NSM OPERATIONAL FEATURES

Basic NEMA Functions: The NSM series signal monitors meet all requirements of the NEMA Standard TS1-1994. Basic fault coverage includes Conflict, Red Fail, 24Vdc-1, 24Vdc-2, and Controller Voltage Monitor (CVM).

EDI RMS-Engine: A Digital Signal Processor (DSP) accurately converts AC input measurements to True RMS voltages, virtually eliminating false sensing and nuisance tripping due to changes in frequency, phase, or sine wave distortion.

AC Line Monitoring: AC Line Monitoring detects and responds to low AC Line voltages as well as interruptions with a minimum flash interval.

24Vdc Latch Option: A programming option allows the unit to latch a 24Vdc monitor fault until a reset command is applied eliminating a potential unexpected exit from the flash state.

CVM Latch Option: A programming option allows the unit to latch a CVM monitor fault until a reset command is applied eliminating a potential unexpected exit from the flash state.