

New Masterpact NAVY, *new levels of performance*

*High shock and vibration resistance certified
by inspection organisations (Veritas, Lloyd's)*



Mechanical shocks

Masterpact NAVY devices are guaranteed to withstand mechanical shocks:

- 18 g - 11 ms - 1/2 sine shock pulse.

Tests are carried out in compliance with standard IEC 60068-2-7.

They are carried out in 3 directions, with the circuit breaker open and closed.

Vibrations

Masterpact NAVY devices are guaranteed to withstand electromagnetic or mechanical vibrations:

- 5 to 22 Hz: ± 1 mm displacement amplitude

- 5 to 60 Hz: 2 g acceleration.

Tests are carried out in compliance with standard IEC 60068-2-6.

They are carried out in 3 directions, with the circuit breaker open and closed.

Four performance levels

N1: for standard applications with low short-circuit levels.

H1: for vessels with high short-circuit levels or installations with two parallel-connected transformers.

H2: high-performance circuit breaker for very high short-circuits.

L1: current-limiting circuit breaker (Masterpact NT NAVY only).

Intended for the protection of cable-type feeders.

Also used to protect a limited-performance switchboard when the transformer power rating is increased.

Integration in a communication network

Masterpact NAVY can be integrated in a general supervision system to optimise installation operation and maintenance. The communication architecture is open, and may be upgraded for interfacing with any protocol.

Switch-disconnector versions (only NW NAVY)

The switch-disconnectors are derived directly from the circuit breakers and offer the same features and performance levels.

