

DECLARATION

Mechanical resistibility and seismic qualification

Company **ORBIT MERRET, spol. s r.o.**
Kláňova 81/141, 142 00 Prague 4, Czech Republic
Trade licence No. 00551309

Manufacturer **ORBIT MERRET, spol. s r.o.**
Vodňanská 675/30, 198 00 Prague 9, Czech Republic

Tested product Panel programmable instrument

Type **OMB 500/502xxx**

The tested item was subjected to a test

Seismic qualification 3 x SSE, SL-2, MCE
Seismic test-simulation of earthquake risk was simultaneously carried out in three mutually orthogonal axes (X, Y, Z) for NPP Dukovany, NPP Temelín, NPP Jaslovské Bohunice, NPP Mochovce, NPP Paks (damping 5 %)

Mechanical resistibility AH1 - sinusoidal vibrations, 2...150 Hz

After the test there was no mechanical damage detected, the instrument's electrical utility was not affected and no false signal was recorded. Upon the final complete inspection no defects were detected.

The tested product has complied with the above stated test.

The product qualities are in conformity with harmonized standard

IEC/IEEE 60980-344 Edition 1.0, 2020, par. 6, 9
ČSN EN 60068-2-6 ed. 2:2008

This declaration is based on protocols issued by the bellow listed accredited organisations

Vojensky technický ústav, s.p.,
VTÚPV Vyškov, Testing Laboratory No. 1103 accredited by CAI according to EN ISO/IEC 17025:2005
Protocol No. 194200-128/2021, of 25/10/2021

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