

DECLARATION

Mechanical resistibility and seismic qualification

Company	ORBIT MERRET, spol. s r.o. Klánska 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
Product	Transmitters to DIN rail
Type	OMX 390
Version	OMX 390PM, OMX 390DU, OMX 390T, OMX 390LVDT

The tested item was subjected to a test

Seismic qualification	3 x SSE, SL-2, MZV This seismic test-simulation of earthquake risk is for NPP - ETE, EDU, EBO V2, EMO 34 (damping 5 %)
Mechanical resistibility	AH2 - sinusoidal vibration 1 g, 2...150...2 Hz

The required (envelope) test response spectrum (TRRS) was used for the tests.

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 meets the seismic requirements for conditions for the given locations

The product qualities are in conformity with harmonized standard

EN IEC/IEEE 60980-344:2020, par. 6.4, 9 (seismic category 1a)
EN 60068-2-6, ed.2:2008

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

VTÚ, s.p. Vyškov, Testing Laboratory No. L 1103, Protocol No. 194200-108/2024 of 16.07.2024
VTÚ, s.p. Vyškov, Testing Laboratory No. L 1103, Protocol No. 194200-105/2024 of 16.07.2024

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