

Zsolt Angyal
Sales Support Manager

Ref. No.: **MAVIR-OVRAM-JKV-00748-00-2024-05-31**

ABB Ltd.

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Head of Laboratory



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APPROVAL CERTIFICATE

According to Clause 6.4.1 of the Hungarian Operation Code and based on the laboratory tests (test reports no.: 12a/2022, 12b/2022, 12c/2022 and 12d/2022) carried out, we issue Approval Certificate for the CM-UFD.M31 Grid feeding monitoring relay listed below:

Hardware platform

Protection functions:

ANSI 27 Undervoltage protection	V 2.0.x
ANSI 59 Overvoltage protection	V 2.0.x
ANSI 78 Vector jump protection	V 2.0.x
ANSI 81U Under Frequency	V 2.0.x
ANSI 81O Over Frequency	V 2.0.x
ANSI 81R Rate of Change of Frequency	V 2.0.x

Hereby we state that the equipment mentioned above fulfil the requirements for relay protection equipment operating in power plants and substations of the Hungarian Power System.

MAVIR
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