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Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Modular Approval Request

FCC ID: QZC-A4MGK4A

Host name: Alpha 4 Meter Gatekeeper

The following attestation addresses the requirements to support modular approval:

Modular approval requirement	Yes (provide brief statement)	No *
(a) The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly	Yes, all circuitry related to the radio subsystem of the device are placed underneath an installed RF shield. This includes all tuning capacitors, RF ICs, and lumped element circuitry.	
(b) The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal	Yes, the radio modem is designed and configured to comply with Part 15 requirements under all operating conditions.	
(c) The module must contain power supply regulation on the module		No, the A4MGK4A PCBA does not regulate the provided input voltage. Honeywell Elster accepts responsibility of installing the A4MGK4A PCBA in a host that will provide identical voltage conditions as those tested during certification testing.
(d) The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections		No, The A4MGK4A PCBA incorporates a U.FL connector for connecting an antenna. The antennas utilized by the A4MGK4A are mounted internally inside the meter host housing and connected via

15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)		coaxial cable to the A4MGK4A PCBA during factory assembly of the meter. They are not user serviceable.
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Modular approval requirement	Yes (provide brief statement)	No *
(e) The module must demonstrate compliance in a stand-alone configuration		The A4MGK4A module was tested installed in an Honeywell Elster electric watt-hour meter. The A4MGK4A does not have onboard voltage regulation and requires voltage regulation from the host device it is installed in. The A4MGK4A module is intended to be installed in Honeywell Elster electricity meters and metering equipment supplied by Honeywell Elster.
(h) The module must comply with RF exposure requirements	Yes, the A4MGK4A is compliant with applicable RF exposure requirements.	
(f) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	Yes, the A4MGK4A is permanently labelled with the appropriate FCC ID	
(g) The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements	Yes, the A4MGK4A was tested to all applicable requirements	

Respectfully,

**Charles
Greene**

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