

Date: 01/12/2022

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Subject: FCC/IC Class II Permissive change application for FCC ID: 2AT78-MC310 & IC: 25413-MC310

Matica Technologies Group SA is herein submitting a class II permissive change filing for the following changes for device having FCC ID: 2AT78-MC310 granted on 01/28/2021 & IC: 25413-MC310 granted on 01/28/2021.

HVIN: MC310

Model name	PMN	Rated voltage	Rated power	Same circuit diagram / Schematic?	Same PCB layout?	Mains transformer	Sensor	Output character (voltage, frequency, wavelength)	Motor name, voltage and power	Heating element	Same programmable electrical medical system / software?	Same construction, shape of enclosure?	Intended use	Photo view
MC30XX	MC310	24Vdc, 3A, (Powered through certified AC-DC power adapter)	72W	MC310 Schematic	MC310 PCB Layout	N/A	MC310 - Sensor	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Direct to card printing	As below
MC20XX	MC210	24Vdc, 3A, (Powered through certified AC-DC power adapter)	72W	MC310 Schematic Without Feeder board.	Main Board PCB layout same as MC310. Feeder board not available.	N/A	MC310 - Sensor	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Same as MC310 Enclosure	Direct to card printing	As below
MC10XX	MC110	24Vdc, 3A, (Powered through certified AC-DC power adapter)	72W	MC310 Schematic Without Feeder board, USB only interface board and without LCD display.	Main Board PCB layout same as MC310. Feeder PCBA not available. LCD display not available. USB only interface board.	N/A	MC310 - Sensor	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Same as MC310 Enclosure color white	Direct to card printing	As below



Model name	PMN	Rated voltage	Rated power	Same circuit diagram / Schematic?	Same PCB layout?	Mains transformer	Sensor	Output character (voltage, frequency, wavelength)	Motor name, voltage and power	Heating element	Same programmable electrical system / software?	Same construction, shape of enclosure?	Intended use	Photo view
S3XXX	S3110	24Vdc, 3A, (Powered through certified AC-DC power adapter)	72W	Used MC310 Main Board. And having following Changes: 1)Interface board integrated with Nano-pi. 2)Bio-metric device added (for fingerprint authentication) 3)Solenoid added for electric lock functionality of doors (pulsed operation).	Main Board PCB layout same as MC310 with Interface board integrated with Nano-pi.	N/A	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Direct to card printing	As below
MC3XXX	MC310s	24Vdc, 3A, (Powered through certified AC-DC power adapter)	72W	Same as S3110	Same as S3110	N/A	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Direct to card printing	As below
K3XX	K310	24Vdc, 3A, (Powered through certified AC-DC power adapter)	72W	Yes	Yes	N/A	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Same as MC310	Without outer plastic enclosure	Direct to card printing	As below

There is no RF parameter change to the operating band. The Radiated Emissions and AC Main conducted emissions were retested.

Sincerely,

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