

W-FM 50 / LMV27 OEM

Product Data Sheet

LMV27.210A2WH

Electronic combustion manager

MAINS VOLTAGE	MAINS FREQUENCY	MAXIMUM CONTROLLER CONSUMPTION	MAXIMUM PREFUSING
230 V AC	50 to 60 Hz	30 W	16 A slow

Siemens LMV27.210A2WH is the electronic combustion manager documented for the Weishaupt W-FM 50 burner-control configuration. It coordinates the configured single-fuel burner sequence, flame supervision and fuel-air control functions.

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VERIFIED TECHNICAL DATA

Mains voltage	230 V AC
Mains frequency	50 to 60 Hz
Maximum controller consumption	30 W
Maximum prefusing	16 A slow
Internal unit fuse	6.3 A slow
Ingress protection	IP00
Operating temperature	-20 to +60 deg C
Storage and transport temperature	-20 to +60 deg C
Maximum relative humidity	95%, non-condensing
Analog load input	4 to 20 mA

ADDITIONAL PRODUCT DATA

Analog input deactivation threshold	Below 3 mA
Multistage analog-input hysteresis	1 mA
Manual modulating load range	20 to 100% within configured load limits
Fault-history capacity	25 faults and lockouts
Published safety-component service life	10 years or 250000 operating cycles

DOCUMENTED USE SETTINGS

Industrial Process Heating and Thermal Production: Industrial Process Heat Production.

Commercial Building Heating and Hot Water: Commercial Space Heating.

District Heating and Central Heat Production: District Heat Production.

SYSTEM COMPATIBILITY

LMV27.210A2WH belongs to the W-FM 50 / LMV27 OEM family and provides the documented electronic combustion manager function. Its mains voltage is 230 V AC; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Weishaupt W-FM 50 installation and operating instruction 83250302, March 2010; cover identifies LMV27.210A2WH