TTS MARTIN, s. r. o.

MARTIN POWER

AMF 5

MP AUTOMATIC

Basic informations and accesories	
AMF - Automatic mains failure	
Nominal current In [A]	25-5000
Contactors in control panel	MP-ATS
Voltage system - standard	TN - S
Standardly placed	On base frame

Main tasks
Managing stand-by mode in emergency power supply by genset.
Transfer load from mains to genset and back.

Operating modes
OFF - Genset is in blocking state and doesn't responds neither to blackout nor to commands from control panel
MAN - Genset is in manual mode and is contorlled by buttons on control panel.
AUT - Genset is in automatic mode. If there is blackout, genset starts and take load. After restore of mains genset leaves the load, cools down and stops.
TEST - Genset is in testing mode, which is designed for testing of functionality of backuping systems.

Available options
TEST of genset with load
Automatic fuel filling device
Horn
Potential free command “Fuel reserve”
Remote control panel with TOTAL STOP
Remote control panel without TOTAL STOP
Remote contol through RS485
Remote contol through USB
Remote contol through GSM / GPRS MODEM
Remote contol through ETHERNET / INTERNET
Remote contol through ETHERNET / INTERNET protocol SNMP
Anticondezation heater
Forced ventilation
Increased mechanical protection
Tunnel terminals

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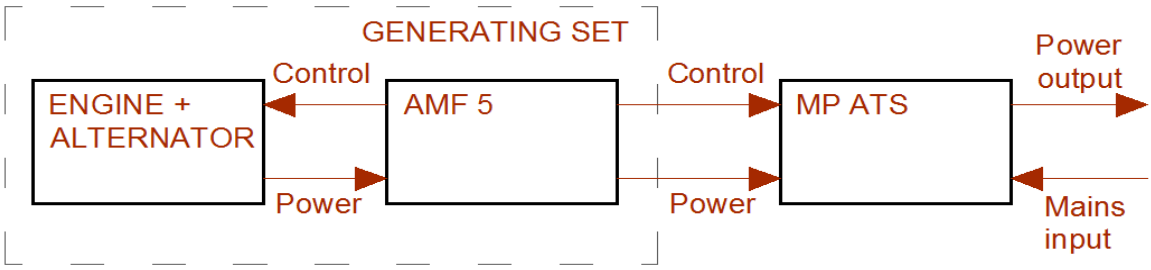
CERTIFIED MANAGEMENT SYSTEM SKQS ISO 9001

Advanced informations
Mechanical protection IP 40/20
Modes OFF, MAN, AUT, TEST
Manual control of contactors in MAN mode
Remote start/stop
Starting battery charger
Coolant preheater
Generator voltage – L1,L2,L3 - digital
Generator current L1,L2,L3 – digital
Mains voltage – L1,L2,L3 - digital
Generator frequency – digital
Generator apparent power [kVA] – digital
Generator active power [kW] - digital
Generator reactive power [kVAr] - digital
Power factor [cos φ]
Produced energy [kWh] - digital
Engine speed - digital
Hours counter - digital
Oil pressure – digital
Coolant temperature – digital
Fuel level [%/ litres]– digital
Starting battery voltage - digital

Advanced informations
Signalization of mode AUT
Engine running signalization
Signalization of contactors (mains – generator) status
Total stop
Low oil pressure - protection
High engine temperature - protection
Fail to start – protection
Charger failure / belt break protection
Over / under voltage – protection
Over / under frequency – protection
Fuel reserve - protection
Potential free command “Engine running”
History (119 records)
Potential free command “Common alarm”
Control of air cooling system
Communication protocol STANDARD
Communication protocol MODBUS
Remote control through RS 232
PC software for control, monitoring and adjusting of controller



Basic scheme of genset with AMF5

- Other spacial functions and accessories are availiable acording request of customer
- All pictures are for informational purposes only
- We reserve the right to change the specification without notice

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