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The MICS NEXYS is SDMO’s entry level control panel, proposed as standard on our 7.5 to 275 kVA generator sets. Fitted with a polycarbonate front panel and an LCD screen, it has a user-friendly design and offers high quality features for simple and reliable control of your generator set. The MICS Nexys enables to operate both in manual or automatic mode.

**Presentation**

The MICS NEXYS can also be switched to automatic mode by connecting to a NBI (Normal Backup Inverter).

The TSI module (Transfer Switch Intelligence), fitted as standard to our complete NBI range, is an innovative and original tool. Intuitive and easy to use, it self-configures automatically as soon as network-side voltage is present. Electronic power source switching allows it to self-power itself.

**Protection and Operation**

- Operation, alarm and fault LEDs
- Operation, alarm and fault pictograms

**Operation**

1. AUTO mode
2. Air preheating
3. Fuel level
4. Water temperature
5. Oil pressure
6. Battery voltage
7. Overload
8. No start-up
9. Low fuel level
10. Water temperature
11. Charge generator
12. Fault

**Alarms and Faults**

1. Overload
2. No start-up
3. Low fuel level
4. Water temperature
5. Charge generator

**Measurements**

- Standard LCD display
- Option LCD display

- Fuel level (%)
- Water temperature (°C)
- Oil pressure (Bar)
- Battery voltage (V)
- Overspeed
- No start-up
- Low fuel level
- Water temperature
- Charge generator

**Options**

- CM301 Voltage adjustment potentiometer
- CM302 Speed adjustment potentiometer
- CM303 Audible alarm fitted in the cabinet
- CM304 Low water level safety device
- CM305 Low gas oil level safety device
- CM306 Fixed differential protection
- CM308 On-screen display of analogue variables (OP, WT)
- CM309 Remote control with box

**Operation**

- Remote control pack: generator running, general fault, alarm or low fuel level fault
- On-screen display of analogue variables (OP, WT)
- Remote control with box

**With NBI**

- The TSI module (Transfer Switch Intelligence), fitted as standard to our complete NBI range, is an innovative and original tool. Intuitive and easy to use, it self-configures automatically as soon as network-side voltage is present. Electronic power source switching allows it to self-power itself.