ISO 9001:2008 - Cert. 0192

AUTOMATIC TRANSFER UNIT
EAS 15 - 806

- Automatic panels with load transfer switch for generators
- TE806 control unit based on microprocessor
- Four digit display to high brightness
- EAS 15 806 - usable with gasoline and diesel generators
- Complete of control cable - 10 meters
- Automatic test programmable from front panel
- Easy installation and connection
- Meets EC directives

Standard equipment

- Metal case painted with epoxy powder
- Cover realized by fireproof plastic material and particularly resistant to the atmospheric agents
- TE 806 control unit to microprocessor
- Contactors both mechanically and electrically blocked
- Automatic battery charger 800 mA
- Emergency stop button
- Siren
- Protection fuses
- Fairleads for connecting cable entry : mains – generator - load

TECHNICAL DATA	EAS 15 - 806
Power max 400V threephase	17 kVA
Power max 230V threephase	10 kVA
Power max 230V singlephase	9.5 kVA
Ith. contactors current (≤ 35 °C)	25 A
Dimensions wxdxh (mm)	450 x 285 x 160
Weight	10 Kg
Protection	IP 20
Working frequency	50 o 60 Hz
Battery charger	12V c.c.- 800 mA
Min and Max temperature	- 20°C ÷ + 50°C
Max humidity	< 90%
Min and Max storage temp.	- 30°C ÷ + 80°C
TE 805 board – technical data	
Supply voltage	12V c.c.
Operating range	10 ÷ 17 V c.c.
Max current	250 mA
Board protection	IP 65
Precision	± 1% - ± 1 digit

SIGNALS - READINGS - CONTROLS - ALARMS

KEY FUNCTIONS

- RESET : it puts in block the unit and cancels an alarm message
- AUT : it puts the unit in Automatic mode
- MAN : it puts the unit in Manual mode
- TEST : it enables the disables the Automatic Test
- START : it starts the generator in Manual mode
- STOP : it stops the generator in Manual mode
- GEN : it closes the generator contactor in Manual mode
- MAINS : it closes the mains contactor in Manual mode
- MEAS : it changes the measures on the display

ALARMS

Alarm codes indication with alarms identification label

- High engine temperature
- Low oil pressure
- Mechanic fault
- Battery charger alternator fault
- High generator frequency (high engine speed)
- Low generator frequency (low engine speed)
- High generator voltage
- Low generator voltage
- Low fuel level
- High battery voltage
- Low battery voltage
- Starting failure
- Emergency stop
- Remote stop active

SEGNAL LEDS AND MEASURES

- RESET – AUT – MAN - TEST : indication of selected operating mode
- TEST : indication of enabled automatic test
- ALARM : indication active alarm
- V MAINS : mains voltage shown on display
- V GEN : generator voltage shown on display
- A : generator current shown on display
- kVA : generator power shown on display
- Hz : generator frequency shown on display
- Vdc : battery voltage shown on display
- HOURS : hours-meter shown on display
- Led of Engine running and alarms active
- Led of main voltage presence
- Led of generator voltage presence
- Led of mains contactor closed
- Led of generator contactor closed
- Alarm codes
- Time

SPECIAL FUNCTIONS

Functions enable only in Automatic mode.

- START : by mean an external signal is possible start and stop the generator also with mains present
- REMOTE STOP : by mean an external signal is possible to block the generator. The generator will not start also when a mains failure happen. This function is useful when you want to start the generator automatically after a mains failure but only with a remote switch active, for example a signal of a level sensor or timer.
- EJP/T : this function permits to start the generator and make the changeover switch on the load by an external signal also with main present. When this signal disappears the generator will stop and a changeover switch on mains side happens.

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