Man.El.Service Srl
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Via Carlo Pittara 46 - 10151 Torino (TO) - Italy
PIVA 09031950018 - Num. REA: 1020262
SDI 5RUO82D Cap. Soc. € 20.000 I.V

ICOEM BOX ATS PLUS 43-15

Reference: BOX ATS PLUS 43-15

ICOEM BOX ATS PLUS 43-15 Network-Group Switching Switchboard

ICOEM BOX ATS PLUS 43-15 CONTROL AND REMOTE CONTROL THREE-PHASE GENERATOR SET WITH POWER UP TO 15KW

ICOEM BOX ATS PLUS 43-15 for control and switching Three-phase generator set Power Up to 15kW 1F+N 400V 50/60Hz. Version with Auto-Test and Motor parameter control functions.

New range for control of single-phase Generating Sets, power up to 15kW with automatic network remote control.
Automatic intervention panel unit for generator set control with engine start and automatic mains remote control functions.
ICOEM BOX ATS PLUS 43-15, complete with microcontroller, remote control devices, connection and wiring control operators, is assembled in a special box in watertight execution and composed as described below:

ICOEM BOX ATS PLUS 43-15:
ABS resin container with front cover in transparent polycarbonate with thermal resistance up to 650 °C; impact resistance Ik08; protection degree ? IP55.

ICOEM BOX ATS PLUS 43-15 EQUIPMENT:
Switches/fuses for protection of control and command circuits, and unipolar;
Control and command unit, programmable type 12 I/O PNP/NPN expandable, with CPU with 10ms/cycle clock,
EEPROM Flash 32kbyte; Ethernet port; RS232/485 port;
Electrically and mechanically interlocked contactors for network/group remote switching
Maintenance battery charger 12V 2 A;
Automatic/Manual Control Selector;
Status light indicators for indication of operation mode/fault, with voltage presence signals
mains power supply; motor started, operating anomaly.
DIN 35 rail type power circuit interconnection terminal block, 6mmq section, with screw clamping;
5-pole quick coupler connector for interconnecting the control signals of the generator set,
through optional pre-connected cable;
Circuitry, complete with: wiring accessories; PVC insulated copper cables at 450/750 V; connectors; screws; and anything else necessary to guarantee the correct functioning of ICOEM BOX ATS PLUS 43-15 and the compliance with the rules of the art.

FUNCTIONS of ICOEM BOX ATS PLUS 43-15:
The ICOEM switchboards connected to the genset perform the following functions:
Surveillance of the public network, in case of lack of which, the unit starts the genset;
Load switching, when the genset is started, the device switches the load under the genset.
Restore operation under the public mains, when the mains voltage returns, the device switches the load under the public mains and then stops the genset.
When the genset is switched off automatically, the ICOEM ATS PLUS 43-15 panel will maintain the battery charge.

DIMENSIONS ICOEM BOX ATS PLUS 43-15:

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Depth: 187 mm
Width: 350 mm
Height: 400 mm

REFERENCE STANDARDS AND CERTIFICATIONS:
All the components and equipment of the ICOEM BOX ATS PLUS 43-15, are of the type that meet the safety requirements of the relevant standards, appropriate
to the type of installation envisaged and in compliance with industry standards.
Ref. Regulations: CEI-EN 61439-1/2; BT Directive 2014/35/EU; EMC Directive 2004/108/EC.

Here you can discover the whole ICOEM range.

images and technical data not binding

Technical Sheet

Phase	Three phase
Maximum power single phase (KW)	15
Voltage (V)	400
Protection degree	IP55
Length (mm)	187
Width (mm)	350
Height (mm)	400
Product type	Switching Frame