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Description and technical data

AMF PANEL WITH ATS FOR GENERATING SETS 10kVA ÷ 150kVA

DESCRIPTION:

- Electric control panel mod. BE21 (protection IP42) with 6 mt. cable. Longer cable on request (max. 20mt);
 - Sheet box with frontal hinged door;
 - Control unit BE21 12/24V:bivoltage, programmable microprocessor with backlit LCD display in English.
- Display:
- Mains line voltage L1/L2 with min and max voltage control that is adjustable -20%/+20% and phase lack for automatic gen set starting;
 - Genset line voltage L1/L2 with min and max voltage control that is adjustable 20%/+20% and phase lack for automatic gen set starting;
 - Delivered current from the Gen set with gear scale;
 - Gen set frequency 50/60Hz with min and max control + alarm;
 - Diesel engine speed indicator = Sets on the frequency;
 - Battery voltage with min e max controls + alarm;
 - Digital voltmeter battery voltage;
 - Digital service hour;
 - Gen set state and alarm with led messages;
 - 28 Programmable parameters;
 - Operational selection push buttons for RESET - MAN- AUT- TEST;
 - Engine START - STOP push button;
 - Manual UP/DOWN push button for the parameters reading on the display;
 - Automatic start and stop from external consens (float, clock, etc.).
- Current transformer for ammeter;
 - Emergency mushroom-head push button for immediate stop;
 - Programmable periodical engine test
 - Prearrangement preignition glow plug
 - Automatic battery charger with transformer 100 VA;
 - Fuses for auxiliaries circuits protection 10x38 LEGRAND;
 - Terminal boards for signal connection;
 - 10 poles connector mod. CNM10 ILME for external signal connection;
 - Power circuit:
 - Four poles change over with contactors, mechanic and electric interlock;
 - Adequate section cables to the gen set power;
 - Connecting terminal.

GENSET POWER (KVA)	BOX DIMENSIONS HxLxP (cm)	AMMETER +CT (A)	CONTACTOR CHANGE OVER		CABLE POWER SECTION (mm²)	CONNECTING TERMINAL POWER MOD.
			MODEL	CAPACITY LOAD AC1 (A)		
10	50x40x20	25 Diretto	A9.40	25	6	CBD.6
15	50x40x20	40 Diretto	A16.40	30	6	CBD.6
20	50x40x20	40 Diretto	A26.40	45	10	CBD.10
25	60x40x25	60/5	A26.40	45	10	CBD.10
30	60x40x25	60/5	A45.40	70	16	CBD.16
40	60x40x25	100/5	A45.40	70	16	CBD.16
50	70x50x25	100/5	A50.40	100	25	CBD.25
60	70x50x25	100/5	A50.40	100	25	CBD.25
70	80x60x30	150/5	A75.40	125	35	CBD.35
80	80x60x30	150/5	A75.40	125	50	CBD.50
100	100x60x30	250/5	B115.4	160	70	CBD.70
125	100x80x30	250/5	B145.4	250	70	GPM.70
150	100x80x30	250/5	B145.4	250	95	GPM.95

Il responsabile di progetto: Ing.Lorenzo Santucci