



ADVANCE 227 MV/PFC TIG DC-LIFT VRD



Overview

ADVANCE 227 MV/PFC TIG DC-LIFT VRD

cod. 816010

TIG (LIFT striking) and MMA inverter welding machine in direct current (DC).

Use with a wide range of materials such as steel, stainless steel, titanium, copper, nickel and their alloys.

The MV/PFC device guarantees the use of a large range of variable power supply (100-240V), operations even when power supplies are fluctuating and unstable, use of long extensions and a 30% drop in absorptions compared to other welding machines of equal power.

The Voltage Reduction Device (VRD) is used to decrease the output voltage to a safe level when the welding machine is on but not in welding conditions. This grants the operator's safety: he can come into contact with the electrode without risks, until welding operations are resumed. (for use in damp environment such as mines or shipyards, etc.).

Features:

- compact and light
- display to check welding current
- MMA regulations: arc force and hot start
- MMA electrodes: rutile, basic, stainless steel and cast iron
- thermostatic, overcurrent, overvoltage, undervoltage, motorgenerator (+/-15%) protections.

Technical data

CODE	CODE 816010	A_{MAX}	MAX ABSORBED CURRENT 25(33) / 27 A	Φ	POWER FACTOR (cosphi) 0,98
V_{1PH}	SINGLE PHASE MAINS VOLTAGE 100 - 120 / 200 - 240 V	A_{60% MAX}	ABSORBED CURRENT AT 60% - MAX 20(23,5) / 17,5 A	Ø_{DC} MIN/MAX	D. USABLE ELECTRODES IN DC 1,6 - 4 mm
F	MAINS FREQUENCY 50 / 60 Hz	P_{MAX}	MAX ABSORBED POWER 2,8(3,7) / 5,9 kW	IP	PROTECTION DEGREE IP23
A_{MIN} / A_{MAX}	CURRENT RANGE 10 - 130(150) / 10 - 200 A	P_{60%}	ABSORBED POWER AT 60% 2,2(2,7) / 3,7 kW	W_H / L	DIMENSIONS 38,5 - 15 - 26,5 cm
A_{MAX} 40°C	MAX CURRENT 130 A - 40%(150 - 30%) / 200 @ 30%	P_{GEN}	MOTORGENERATOR MINIMUM POWER 5 / 8 kW	kg	WEIGHT 6,2 kg



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CURRENT AT 60% 110(125) / 135 A



MAINS FUSE 15(20) / 16 A



EAN CODE 800489780999 1



MAX NO LOAD VOLTAGE 81 V



EFFICIENCY 84 %