



- 160A plasma cutting inverter system with compressed air and strike on contact of the pilot arc. Integrated connection interface with automated cutting systems. 3ph 230/400V power supply. With PX torch.
- Max. cut 50 mm. Advanced functions: grid cutting, 4T cut and gouging of all the conductor materials.
- Interfacing with automated cutting systems is also an option. Specific connector to set the various control signals of the cutting process. Compatible with remote control.
- High stability cutting current.
- LCD display for simple reading and adjustment.
- Thermostatic, overvoltage, undervoltage, overcurrent protection, circuit in torch, phase failure, no air protection.

TECHNICAL DATA

CODE	816174	FUSE	25 A	MAX CUTTING THICKNESS	50 mm
THREEPHASE MAINS VOLTAGE	230 / 400 V	MAX CUT. CUR. EN60974-1 230V	100 @ 30% A	MAX CUTTING THICKNESS 230V	50 mm
MAINS TOLERANCE	-15 / +15 %	CURRENT CONTROL RANGE 230V DC	30 - 100 A	COMPRESSED AIR CAPACITY	290 l/min
MAINS FREQUENCY	50 / 60 Hz	CUTTING CURRENT 60% 230V	80 A	COMPRESSED AIR PRESSURE	4 - 5 bar
MAX CUTTING CURRENT EN60974-1	150 @ 30 % A	CUTTING CURRENT 100% 230V	70 A	SUPPLY CABLE LENGTH	3 m
CURRENT CONTROL RANGE DC	30 - 160 A	MAX ABSORBED CURRENT 230V	38 A	ELECTROMAGN. COMPATIBLE CLASS	A
CUTTING CURRENT 60%	120 A	RANGE VOUT 230V	80 - 200 V	NORM	EN 60974-1 / -10
CUTTING CURRENT 100%	100 A	MAX NO LOAD VOLTAGE 230V	316 V	INSULATION CLASS	H
MAX ABSORBED CURRENT	40 A	MAX ABSORBED POWER 230V	12,5 kW	PROTECTION DEGREE	IP23
RANGE V OUT	80 - 220 V	FUSE 230V	25 A	DIMENSIONS (LxWxH)	67 x 31 x 56 cm
MAX NO LOAD VOLTAGE	348 V	ABSORBED POWER idle	44 W	WEIGHT	46 kg
MAX ABSORBED POWER	25 kW	EFFICIENCY	86 %		

COMPOUND PRODUCTS

PLASMA TORCHES

802965 PX PLASMA TORCH 6 M

PLASMA CUTTING 3PH

816074 SUPERIOR PLASMA 160 230-400V

OPTIONAL ACCESSORIES

PLASMA TORCHES

802973 PX PLASMA TORCH 12 M

802955 PXA PLASMA TORCH 12 M

OTHER PLASMA ACCESSORIES

804340 MMS-10 MOISTURE & MIXTURE STOP FILTER

804343 MMS-10 AIR FILTER CARTRIDGES 4 PCS

804976 CONNECTING CABLE CNC 10M

TROLLEYS AND ACCESSORIES

803064 TROLLEY - CONTINENTAL

DESCRIPTION

Inverter, compressed air plasma cutting system, with contact striking of pilot arc.

Allows a rapid, distortion-proof cutting, grid cutting and gauging of all conductive materials such as steel, stainless steel, galvanised steel, aluminium, copper, brass, etc.

It allows interfacing with automated cutting systems.

Features:

- Easy to carry;
- High cutting current stability;
- User-friendly easy to read and adjust digital panel;
- Remote control;
- Thermostatic, overvoltage, undervoltage, overcurrent, torch short circuit, phase and air failure protections.

Complete with torch.

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INSTRUCTION MANUAL

USEFUL LINKS



VIDEO