

About:

PLASSON have one of the widest ranges of pipe fittings in the world with sizes ranging from 16mm to 900mm, pressure ratings 0 bar to 25 bar, accepting nearly all existing pipe ranges, metric and imperial including polyethylene, lead, copper and galvanised. PLASSON have a 50 year in the ground track record for its products. We pride ourselves not only on the quality of our fittings but also on our high standard of service, delivery and aftersales support.

Product Range:

- mechanical
- pushfit
- electrofusion
- valves
- metering
- repair clamps
- threaded
- tools/accessories
- specialist ef tooling

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Electrofusion Controllers

PLASSON SmartFuse Solution

Generators have to fulfil the following requirements in order to avoid damage to the control unit and to ensure that the internal monitoring function of the control unit will not stop the welding process during the weld cycle unnecessarily.

Generators with poor control characteristics must provide substantially higher nominal output power.

Suitable Generators will be fitted with a 32 amp socket and an AVR (Automatic Voltage Regulator).

For fittings to 400mm, a 5kVA generator with AVR would be advised.

For fittings above 400mm, please consult Plasson for advice on suitable equipment.

ElectroFusion jointing is most reliable when completed with good quality scraping equipment, clamps and re-rounding tools.

Please visit www.plasson.co.uk for video instructions for Electrofusion jointing.



Data Input	Digimatic Data Code: 1236	Polymatic Plus Code: 1237
BARCODE-System	-	X
Temperature Compensation	-	X
SmartFuse/FUSAMATIC System	X	X
MANUAL	X	X
Output Current		
80A (max.: 110A)	-	X
60A (max.: 80A)	X	-
Output Voltage		
8-48V	X	X
40V	-	-
Data Recording		
AC/DC	AC/~	AC/~
Standard	X	X
Traceability	-	X
Pipe Linking System	-	-
Input Stage		
Input Voltage		
Input Frequency		

Parameter	230V Control Units	110V Control Units
Adjustable no load voltage	245V - 260V	120V - 130V
Output current	Min. 18A on one phase	Min.36A on one phase
Nominal output power	5kVA on one phase	5kVA on one phase
General suitability for	Electrical devices with phase angle-control	
General suitability for	Inductive loads (cos φ =0.8...1)	
General	Voltage peaks should not exceed 800v	