



Plasma cutter PA-S45 W

Connection to CNC-controls

The PA-S45 W is provided with an interface for guiding machines: Terminal strip X102, 1-13

The special control cable the user has to prepare. The potential-free contacts are provided for a DC-control current of 500mA. When realising controls to a relay a protective diode has to be arranged.

X102	Signal	Remarks
1,2	Pilot arc ON from power source	Potential free closing contact
3,4	Main arc ON from power source	Potential free closing contact
5,6	Torch ON from NC	Potential free closing contact
7,8	Potential nozzle-workpiece	7: Nozzle - 8: Workpiece +
9,10	Emergency stop from NC	Potential free opening contact Remove link
10, 14	switch of door	remove link
11,12	Emergency stop from power source	Potential free opening contact
13,8	Potential cathode-workpiece (cutting voltage)	13: Cathode - 8: Workpiece +

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