

“R” series

DIGITAL CONTROL MULTIFUNCTION INVERTER POWER SOURCES FOR AUTOMATION



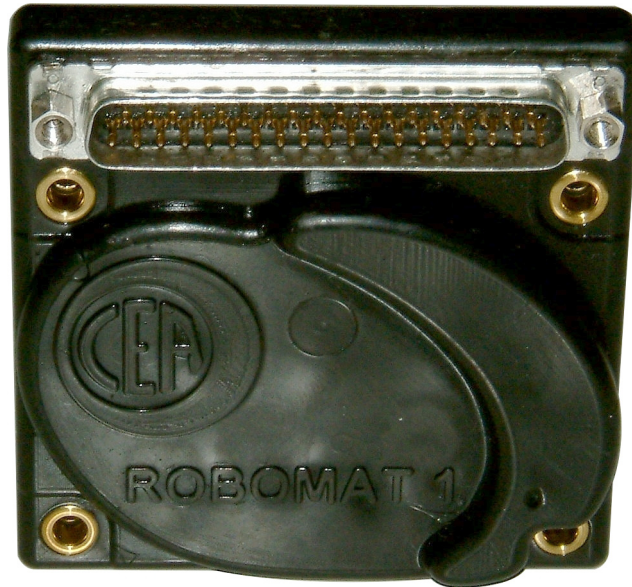
MATRIX HF-R's & MATRIX AC/DC-R's

Based on the very latest IGBT inverter technology, these DC and AC/DC power sources, thanks to their excellent arc characteristics, allow high quality TIG welding of all metals, aluminium and its alloys included, if using AC/DC models.

MATRIX R's have been appositely designed for automation and robotic applications and represent the ideal solution for any application requiring high precision and repeatability of the achieved results for the most qualified industrial needs.



INTERFACE ROBOMAT 1



The information exchange between MATRIX R's series power source and any external device is by means of our ROBOMAT 1 interface card which replaces the worker for welding process start/stop and parameters adjustment. The above shown module represents a flexible and complete interface system which allows to fully satisfy any ANALOG and DIGITAL connection requirement.

INTERFACE	TECHNICAL SPECIFICATIONS	
ROBOMAT 1	Analog I/O: 4 (IN) + 4 (OUT) Digital I/O: 8 (IN)+ 8 (OUT) Serial Bus: RS232 - RS 422	