

ESP103

Transition Module for IP-Octal

Adapter Module for

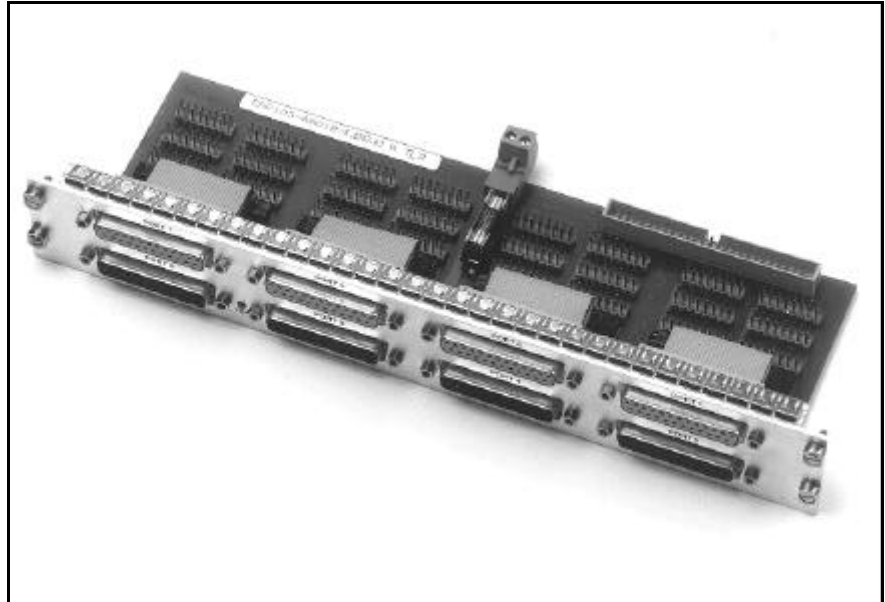
- GreenSpring IP-Octal Serial,
- IP-Octal 422,

Connectors

- 8 serial interfaces via 25-pole DSUB males

Application

- Front panel wiring in 19" systems
- Communication
- Remote controller
- Data acquisition



Wiring

The adapter board enables the user of IndustryPacks IP-Octal Serial, IP-Octal 422 to connect eight serial ports to a front panel via 25-pole DSUB connectors.

Connections to the IP occur via a 50-pole flat cable with post connectors.

Signal Covering

On the adapter ESP103 for each of the eight interfaces jumpers are available for signal conversion to modem or terminal operation for RS-232 interfaces, as well as for RS-422 interfaces.

+5 V at DSUB Females

As well as the serial interface signals, the DSUB females are supplied with +5 V, which is fed separately via a plug-terminal connector and displayed by a green LED at the front panel.

As line protection the voltage feed is equipped with a blow-out fuse (1 A delay).

Front Panel

The adapter board is equipped with a 2 slot front panel in 6 U format. The front panel is designed for a maximum RF shielding in combination with shielded cases. For a contact to adjacent front panels and for RF shielding the front panel is equipped with high-grade steel contact springs.

Connectors and interfaces:

Suitable for GreenSpring IPs:	IP-Octal Serial IP-Octal 422 Connection via 50-pole flat cable
Configuration:	RS-232 or RS-422 operation, interfaces can be configured for terminal or modem operation via jumpers
Serial interfaces:	eight 25-pole shielded DSUB females on the front panel (connector shield connected to front panel)
Power supply:	+5 V, LED display at the front panel, connection via plug-terminal connectors MSTB2,5

General:

Board size:	233 mm x 80 mm
Ambient temperature:	0..70 /C
Humidity:	max. 90%, non-condensing
Weight:	320 g
Front panel:	chromated aluminium, 2 slots wide, 6 U high, fixing by 4 neck screws in pressed metal nipples, high-grade steel contact springs for RF shielding

Order information:

Designation	Order no.
ESP103 Adapter module incl. front panel and 50-pole flat cable including connectors	K.0415.03