

HR Series communication

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SPIIT13

SPIIT13

The SPIIT13 is a local transfer module that facilitates communication between two local Cnets. The SPIIL02-L is the related INFI-Net to INFI-Net local interface bundled kit and contains all the necessary modules, termination units, cables and mounting unit.

Technical data	
Memory	8 MB DRAM; 512 KB NVRAM; 2 MB flash ROM
Power requirements	+5 VDC at 2 A; 10 W typical
Ports	Diagnostic port P4, RS-232-C
Ambient temperature	0 °C to 70 °C (32 °F to 158 °F)

Bundled kit		SPIIL02-L
SPNIS21	Network interface module	2
NKLS01-10	Communication module cable	2
NTCL01	Communication termination unit	2
SPIIT13	Local transfer module	1
IEMMU21	Module mounting unit	1
NFTP01	Field termination panel	1



SPNIS21

SPNIS21

The SPNIS21 network interface module is the front end of every Cnet communication interface. It is the intelligent link between nodes and the Cnet, allowing any node on the network to communicate with any other node. It works in conjunction with the SPNPM22 module.

Technical data	
Power requirements	+5 VDC at 825 mA; 4.1 W typical
Communication rates	Cnet: 10 MHz or 2 MHz
System capability	Cnet: Over 62,000 nodes in the system; 250 Cnet-to-Cnet interface nodes; 250 nodes on a single network in any combination of Cnet-to-HCU and Cnet-to-computer interfaces
Ambient temperature	0 °C to 70 °C (32 °F to 158 °F)



SPNPM22

SPNPM22

The SPNPM22 network processing module is the gateway between Cnet and Controlway. It holds the Harmony control unit (HCU) database and directs the communication process between the modules residing on Controlway and the SPNIS21 module.

Technical data	
Memory	8 MB DRAM; 512 KB NVRAM; 2 MB flash ROM
Power requirements	+5 VDC at 2 A; 10 W typical
Ports	1 mini-USB Diagnostic port
Communication rates	Controlway: 1 Mbaud Modulebus: 83.3 kbaud
Ambient temperature	0 °C to 70 °C (32 °F to 158 °F)