



Украина

03067

Киев

NODE

Expansion Board for JUNO-NET systems

The NODE allows expansion of the JUNO-NET system in groups of 1 to 4 loops.

It can be supplied as a standalone unit or in an enclosed cabinet, which contains a 2,3 A PSU/ Charger unit and space for standby rechargeable batteries. One RS422/RS485, Fibre Optic or TCP/IP interface is required per cabinet to enable networking with the rest of the system.

Each NODE mainboard controls up to four Analogue-Addressable Detection Loops via its own independent processor. In the event of communication failure with the main control unit, the NODE is capable of operating independently, detecting Fire/Fault events and activating connected sounders and internal relays.

TECHNICAL SPECIFICATIONS - Standalone NODE

PRIMARY SUPPLY	2,3A @ 28.5V DC nominal
POWER SUPPLY RATING	65 W
SECONDARY SUPPLY	28V DC nominal
BATTERIES	N/A
QUIESCENT CURRENT (NO DEVICES)	80 mA
AUX POWER OUTPUT	28V DC 300mA
LOOPS	1 to 4 - max 275 mA/ Loop
CONVENTIONAL SOUNDER CIRCUITS	1A max current drive for both circuits - Fully monitored
AUX. RELAYS FIRE/ sub-panel	2x SPDT; rated 2A @ 30V DC resistive / 0.25A @ 230V AC resistive
AUX. RELAY FAULT/ sub-panel	1x NC; rated 2A @ 30V DC resistive / 0.25A @ 230V AC resistive
OPERATING TEMPERATURE	0°C to +50°C
STORAGE TEMPERATURE	-10°C to +50°C
DIMENSIONS	L: 113 mm W: 187 mm H: 26 mm
WEIGHT (NO BATTERIES)	0.3 Kg



ORDER CODE	
NODE MB	NODE MOTHERBOARD
NODE-1L	NODE W/ 1 LOOP
NODE-2L	NODE W/ 2 LOOPS
NODE-3L	NODE W/ 3 LOOPS
NODE-4L	NODE W/ 4 LOOPS

TECHNICAL SPECIFICATIONS - Boxed NODE	
MAINS SUPPLY VOLTAGE	85-265V AC, 50/60 Hz
INTERNAL POWER SUPPLY	2.3A @ 28.5V DC nominal
POWER SUPPLY RATING	65 W
SECONDARY SUPPLY	28V DC Nominal
BATTERIES	2 x 12V 12AH VRLA
QUIESCENT CURRENT (NO DEVICES)	80 mA
AUX POWER OUTPUT	28V DC 300mA
LOOPS	1 to 4 - max 275 mA/ Loop
CONVENTIONAL SOUNDER CIRCUITS	1 A max current drive for both circuits - Fully monitored
AUX. RELAYS FIRE/ sub-panel	2x SPDT, rated 2A @ 30V DC resistive / 0.25A @ 230V AC resistive
AUX. RELAY FAULT/ sub-panel	1x NC, rated 2A @ 30V DC resistive / 0.25A @ 230V AC resistive
OPERATING TEMPERATURE	0°C to +50°C
STORAGE TEMPERATURE	-10°C to +50°C
HUMIDITY/ PROTECTION	Max. 85% No condensation / IP30
DIMENSIONS	L: 375 mm W: 345 mm H: 139 mm
WEIGHT (NO BATTERIES)	4.5 Kg

ORDER CODE	
J-NET-SPX-001-NODE	1 LOOP - 2.3 A PSU
J-NET-SPX-002-NODE	2 LOOPS - 2.3 A PSU
J-NET-SPX-003-NODE	3 LOOPS - 2.3 A PSU
J-NET-SPX-004-NODE	4 LOOPS - 2.3 A PSU