

**ANALOGUE-ADDRESSABLE EXPANSION CONTROL PANEL FOR  
COMPLETE MANAGEMENT OF A FIRE DETECTION SYSTEM COMPATIBLE  
WITH HL2LOOP AND HL4LOOP LOOP BOARDS MOD. HLNODE**

DESCRIPTION	UNIT PRICE	TOTAL PRICE
<p><b>Analogue-addressable expansion control panel for complete management of a fire detection system compatible with HL2LOOP and HL4LOOP loop boards, brand EL.MO. mod. HLNODE</b></p> <p>HLNODE is an analogue-addressable expansion fire detection panel featuring a modular architecture able to develop according to one's needs. The HEKLA and HLNODE panels can operate both in stand-alone mode and in a network of many units. All of this in combination with the products of the new FYRA line, the EL.MO. line of analogue-addressable devices with on-board isolator. HLNODE is compatible with two loop boards, HL2LOOP (supporting two operating modes: 1 x 250 devices in single-loop configuration or 2 x 125 devices in two-loop configuration) and HL4LOOP (supporting two operating modes: 2 x 250 devices in two-loop configuration or 4 x 125 devices in four-loop configuration). The strength of HEKLA and HLNODE is their capacity of expanding and propagating its technological force. It is possible to create a network of panels and expansion nodes (HEKLA and HLNODE respectively) and repeating keypads (HLREPEATER) using the RS422 serial line (through the HLNET optional module) as communication means.</p> <p>HLNODE is certified CPR 305/2011 EN 54-2 and EN54-4.</p> <p><b>Technical features:</b></p> <ul style="list-style-type: none"> <li>- Type: Analogue-addressable expansion panel</li> <li>- Address/loop management: 250 overall addresses on 1 or 2 loops (using HL2LOOP board) or 500 overall addresses on 2 or 4 loops (using HL4LOOP board)</li> <li>- Maximum current on each single loop: 1 A</li> <li>- Panel network: All the devices can be managed from all the panels</li> <li>- Multimaster panel network: Yes (via RS422 serial line with HLNET optional board)</li> <li>- Manageable zones: 384 available zones</li> <li>- Manageable I/O device groups: 512 available groups</li> <li>- Manageable alarm device groups: 512 available groups</li> <li>- Signal propagation: Propagation of all the events</li> <li>- Maximum network expansion: 124 loops</li> <li>- Protocol: Management of FYRA loop devices</li> <li>- Management of HLPPOWER units on the loop: Yes, using HLPL optional board</li> <li>- Technological zone management: Yes</li> <li>- Delay mode 2 (according to italian M.D.): Yes</li> <li>- System event log: 10.000 events</li> <li>- Programming: By propagation from other network devices (HEKLA and HLREPEA-TER)</li> <li>- Batteries: 2 x 12 Ah / 12 Vdc batteries</li> <li>- Dimensions: W 340 x H 370 x D 145 mm</li> <li>- Main board current draw when idle: 60 mA</li> <li>- Power supply unit supplied current: 2.3 A @ 28.5 Vdc</li> <li>- Power supply: AC230V with internal power supply unit</li> <li>- Regulations: Certified CPR 305/2011 EN54-2 and EN 54-4</li> </ul> <p style="text-align: right;"><b>Quantity:</b></p>		