

O-PALC

Open Programmable Analogic Logic Controller



It is the fusion between a PLC and an operator panel

It is suitable both in process controls and in industrial automation

It is carried out according to specifications defined in standard IEC 61131 and programmable by ISaGraf.

TECHNICAL DATA

Supply: from 20 to 40 Vdc
Operating temperature: 0 ÷ 60 °C

- **Cpu**
- 6 bit microcontroller
- real time clock
- 8Kram litium battery
- 38K data ram
- 256K flash Eprom
- Multitask operating system

Serial interfaces: 2

Analog inputs: 4

Digital inputs: 16

Digital outputs : 12 relay

Outputs: 2 analogic outputs 0-10V or 2

Operator panel:

- Backlit alphanumeric LCD display 20x4 characters
- 13 functional buttons
- 9 warning LEDs
- Fixed to panel with screw brackets
- Dimensions: L 205 x H 180 x P 75 (mm)
- Protection: IP64

Relay module:

- Mounting on DIN/Omega runner

DEVELOPMENT TOOLS

IEC 61131 Workbench for Windows platform
(98/ME/NT/2000/XP)**

It consists in:

1) ISaGraf* for programming, debugging and documenting all PLC functions in conformity with IEC 61131.

2) ISaGraf EXTENSION
Additional program for the operative panel management. It makes available applicative library with source code.



* ISaGraf is a [CJ International trade mark](#).

** Windows is a [Microsoft trade mark](#).

ORDER CODES

A7J00110 KIT O-PALC 2 OUT 0-10V

80270001 O-PALC 24 Vdc 16 in. 12 relay 2 outs 0-10V

70PK7000 Module 10 relay 24 Vdc

60P2Q000 Flat cable 26 poles (length 2mt)

A7J00111 KIT O-PALC 2 OUTS FOR STEPPERS

80270010 O-PALC 24Vdc 16 in.12 relay 2 outs for steppers

70PK7000 Module 10 relay 24 Vdc

A7J00120 O-PALC PROGRAMMING 256 I/O + EXTENSIONS:

TOPL30AB ISaGRAF EXTENSION 3.0

4C000010 WD 16 ISaGRAF max 256 I/O

60P35090 Connection cable Rs232 9M/F (length 2mt)

A7J00121 O-PALC PROGRAMMING 32 I/O + EXTENSIONS:

TOPL30AB ISaGRAF EXTENSION 3.0

4C000011 WD 2 ISaGRAF max 32 I/O

60P35090 Connection cable Rs232 9M/F (length 2mt)

O-PALC_REV_E_ENG



Ably s.r.l. 40050 Funo di Argelato (Bologna) ITALY
Via de' Giudei 41/43
Tel: +39 (051) 860064; Fax: +39 (051) 860074

e-mail: ably@ably.it
web: <http://www.ably.it>

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