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Several notes useful or not presents in online help of c.suite:

- Standard application that it using uPC3 : none
- Size: Extra Small, Small, Medium
- uPC3 is similar as c.pCO with:
 - 128Mb flash memory
 - 32Mb for OS and application
 - 96Mb for file storage
 - 8 or 16Mb RAM in the version with ethernet
 - up to 2Mb for log. It depends on how you do the application and how to configure the log)

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- Manage up to 5 serial ports:

| | |
|---------------------|--|
| <i>Extra Small</i> | pLAN (6ways telephone + 4pins phoenix) |
| | BMS |
| | BMS/Fieldbus by jumper |
| | Ethernet |
| <i>Small/Medium</i> | Fieldbus |

- Manage UNIPOLAR valve (up to 2) integrated inside OS (it can manages also BIPOLAR valve with external EVD EVO in FB)

| | |
|--------------------------|------------------------|
| <i>Extra Small/Small</i> | 1 port Manage UNIPOLAR |
| <i>Medium</i> | 2 port Manage UNIPOLAR |

| | |
|----------|-----------|
| UNIPOLAR | EVD_Emb_2 |
| BIPOLAR | EVDEVO_2 |

- System variable sysread board info hw = 17
- System variable sysread board info size = 12 *extra small*
- System variable sysread board info size = 11 *small*
- System variable sysread board info size = 10 *medium*
- No RS232, therefore no GSM and print
- Digital inputs: they are all voltage free (And analog inputs B1,B2,B3,B4 can be configured as digital inputs). B1 and B2 can be used with fast digital inputs
- Analog inputs: normal channel as uPC1, not universal channel with ChipIO

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- Out7: voltage free contact (COM, NC, NO, typical application as alarm);
- Analog outputs: Y1,Y2 (0-10V); Y3,Y4 (0-10V, 2kHz, 100Hz, phase-cutting with main frequency, synchronous with main frequency)

| | | Y1, Y2 | Y3, Y4 |
|---------------|---|-----------|-----------|
| Mode 0 | 0-10V | OK | OK |
| Mode 1 | PWM in sync with main frequency | NO | OK |
| Mode 2 | PWM phase cutting in sync with main frequency | NO | OK |
| Mode 3 | PWM 100 Hz | NO | OK |
| Mode 5 | PWM 2 KHz | NO | OK |

- SSR digital outputs: Out6,7,11 and 12 can mount max 4 SSR instead of 4 relays
- Stand-By input: free contact for low power consumption mode
- PT: Primary side power voltage is 0-230Vac, secondary side input signal is 0-0.115Vac on uPC3 board
- TAM: Primary side power voltage is 0-50A, secondary side input signal is 0-25mA on uPC3 board
- Micro-USB port: a little different from c.pCOmini, only USB device function included, USB host function is not available
- BACnet is only available in the Ethernet version, the procedures license is the same already in use in c.pCO
- The non-volatile memory, accessible by CFB, is lost in the event of a change of button battery
- Manual code: +050001595
- Simulator code: CM00002048
- Product codes:
 - UP3A00*00***0
 - UP3B00*00***0
 - UP3CON0***

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- To create an application for uPC3 , is necessary an plugin that is possible to download from KSA website:

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|--|
| Setup for uPC3 c.suite |
| Software & Support -> uPC3 -> uPC3 c.suite plugin (link) |

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