

# B&R INDUSTRIAL AUTOMATION

## 5PC810.SX02-00

Automation PC 810 Two-Slot System Unit

### Technical specifications

| Parameter                  | Official value                                                                              |
|----------------------------|---------------------------------------------------------------------------------------------|
| Expansion                  | 2 PCI slots or 1 PCI and 1 PCIe slot, depending on bus unit                                 |
| Slide-in drives            | 1 compact drive and 1 standard drive                                                        |
| Automation Panel Link slot | 1                                                                                           |
| CompactFlash slots         | 2 x Type I                                                                                  |
| SRAM                       | 512 kB battery-backed; 192 kB remanent variables                                            |
| Serial interfaces          | 2 x RS232, up to 115 kbit/s                                                                 |
| USB                        | 5 x USB 2.0 Type A                                                                          |
| Ethernet                   | 2 x 10/100/1000 Mbit/s RJ45                                                                 |
| Panel/monitor interface    | SDL/DVI/Monitor via female DVI-I                                                            |
| Power supply               | 24 VDC +/-25%, SELV                                                                         |
| Protection                 | IP20                                                                                        |
| Dimensions (W x H x D)     | 12.08 x 27.0 x 25.46 cm with 5AC801.HS00-00/-02; 13.6 x 27.0 x 25.46 cm with 5AC801.HS00-01 |
| Product weight             | Approximately 2.8 kg, component-dependent                                                   |

### Product summary

B&R 5PC810.SX02-00 is a two-slot Automation PC 810 system unit with PCI/PCIe bus options, five USB 2.0 ports, dual Gigabit Ethernet, dual RS232 and SDL/DVI.

## Selection and integration notes

### Expansion

- Bus option 5PC810.BX02-00 provides two PCI slots
- Bus option 5PC810.BX02-01 provides one PCI and one PCI Express x4 slot
- Expansion-card power, drivers and cooling must match the complete APC810 build

### Storage

- One slide-in compact slot and one standard slide-in slot are provided
- Two CompactFlash Type I slots are integrated
- All installed storage media and boot settings should be imaged before replacement

### Networking

- Two shielded Ethernet ports support 10/100/1000 Mbit/s
- Two non-isolated RS232 ports support serial equipment
- The SDL/DVI interface connects supported monitors or Automation Panels

### Customer questions

#### **Which bus configurations are available for B&R 5PC810.SX02-00?**

Use the supported bus unit for either two PCI slots or one PCI plus one PCI Express x4 slot; the system-unit model alone does not define the final slot mix.

#### **How many storage positions does B&R 5PC810.SX02-00 provide?**

It has one slide-in compact drive position, one standard slide-in drive position and two CompactFlash Type I slots.

#### **What should be imaged before replacing B&R 5PC810.SX02-00?**

Image every installed drive and CompactFlash card, then record BIOS, Automation Runtime, Ethernet, serial and expansion-card settings.

#### **Can B&R 5PC810.SX02-00 use any PCIe card?**

No. The selected bus must provide PCIe, and the card must meet APC810 mechanical, electrical, driver, operating-system and thermal requirements.