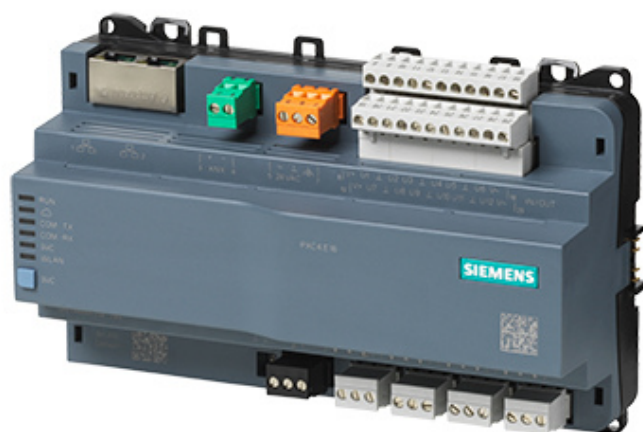# SIEMENS

Desigo™

Automation stations

PXC4.E16

For the control of primary plants

● Compact automation station for HVAC and building control systems, freely programmable using graphical programming interface
● Communication BACnet/IP (BTL certified)
● 2-port Ethernet switch for low-cost cabling
● 16 inputs/outputs: 12 universal inputs/outputs, 4 relay outputs
  Extendable via I/O modules TXM…
● KNX PL-Link bus to connect sensors and operator units (including bus power)
● Integration of Modbus data points via RTU and / or TCP
● WLAN interface for engineering and commissioning
● Operating voltage AC 24 V
● Mounted on standard rails or on the wall
● Plug-in screw terminal blocks

Optimized, flexible automation station for HVAC and building automation and control systems

- System functions (alarming, scheduling, trending, access protection with individually definable user profiles and categories)
- Integrates data points and/or subsystems via Modbus RTU and/or Modbus TCP
- The following functions are available with KNX PL-Link bus:
  - Communication with room operator units and sensors.
  - Plug-and-play connection of Siemens field devices with KNX PL-Link.
- Engineering and commissioning with the ABT Site Tool using graphical function charts
- Freely programmable. All function blocks, available in libraries, can be graphically connected.
- BTL tested BACnet communication on IP (BACnet/IP or BACnet/SC), in compliance with the BACnet standard including B-BC profile (Rev. 1.15)
- BACnet Secure Connect communication as BACnet/SC node
- Generic operation via embedded web interface
- Cloud connectivity for remote access
- 2-port Ethernet switch for low-cost cabling
- WLAN interface for engineering and commissioning
- Operating voltage AC 24 V
- DIN rail or screw mounting
- Plug-in screw terminal blocks
- Direct connection of field devices

Type summary

PXC4.E16 variants	PXC4.E16S	PXC4.E16
Order number	S55375-C108 [1]	S55375-C100 [1]
Number of inputs/outputs (Onboard)	16	16
Number of universal inputs/outputs (UIO)	12	12
Number of relay outputs (DO)	4	4
Number of inputs/outputs (Onboard + TXM)	up to 40	up to 40
Number of integration data points (Modbus TCP and/or RTU)	0	up to 40
Total number TXM-I/Os and integration DPs	40	80 [2]
Number of KNX PL-Link devices	0	up to 64
Number of configurable RS485 interfaces for Modbus RTU integration	0	1
Number of BACnet/SC nodes connected to PXC4.E16/PXC4.E16S acting as hub	0 (node only)	0 (node only)

[1] For details on engineering, see PXC4, PXC5 & PXC7 Planning overview, A6V13054435.

[2] KNX PL-Link DPs do not count as integration points. For KNX PL-Link, only the limitation of BACnet objects have to be considered.

Onboard inputs/outputs

UIO	Universal inputs/outputs support the following signal types: ● Passive sensors LG-Ni 1000, 2x LG-Ni1000, Pt 1000 (375, 385), NTC 10k (Type II / Beta (0-50 °C) = 3892 K), NTC 100k ● Resistance sensors 1000 Ohm, 2500 Ohm, 1000...1175 Ohm (for setpoint shift) ● Voltage input analog DC 0…10 V ● Current measurement analog DC 0...20 mA or 4...20 mA, (inputs U1, U2, U7, U8) ● Binary potential-free contacts for signaling functions ● Counter to 25 Hz (electronic switch to 100 Hz) ● Analog outputs DC 0…10 V
DO	Relay outputs for binary controls, changeover contact (NO, NC, pulse)

Equipment combinations

I/O modules TXM (Series D and later)

Description	Type	Data sheet
Digital input module 8 or 16 I/O points	TXM1.8D, TXM1.16D	CM2N8172
Universal module without / with local operation and LCD	TXM1.8U, TXM1.8U-ML	CM2N8173
Super universal module without / with local operation and LCD	TXM1.8X, TXM1.8X-ML	CM2N8174
Relay module without / with local operation	TXM1.6R, TXM1.6R-M	CM2N8175
Resistance measuring module (for Pt100 4-wire)	TXM1.8P	CM2N8176
Triac module	TXM1.8T	CM2N8179
Digital input and relay module	TXM1.4D3R	CM2N8188

PXC4 can power TXM extensions modules (for details see planning overview A6V13054435).

KNX PL-Link devices

Description	Type	Data sheet
Wall-mounted temperature sensor	QMX3.P30	CM2N1602
Wall-mounted temperature and humidity sensor	QMX3.P40	
Wall-mounted temperature, humidity, and CO_2 sensor	QMX3.P70	
Wall-mounted temperature sensor and room operator unit	QMX3.P34	
Wall-mounted temperature and humidity sensor and room operator unit	QMX3.P44	
Wall-mounted temperature, humidity, and CO_2 sensor and room operator unit	QMX3.P74	

For details, see planning overview A6V13054435 and data sheets.

Desigo Control Point

Description	Type	Data sheet
BACnet touch panels with integrated Web server 7.0 " 10.1 " 15.6 "	 PXM30.E PXM40.E PXM50.E	A6V11664137
Client Touch Panels with data storage in Web server PXG3.Wx00-1: 7.0 " 10.1 " 15.6 "	 PXM30-1 PXM40-1 PXM50-1	A6V11664139
BACnet/IP Web server with standard functionality BACnet/IP Web server with extended functionality	PXG3.W100-2 PXG3.W200-2	A6V12304192
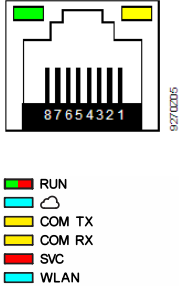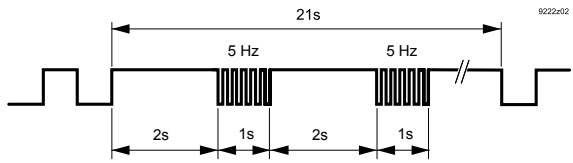
System controller

Description	Type	Data sheet
System controller to integrate Modbus and MS/TP devices	PXC5.E003	A6V11646020
	PXC7	A6V12505052

Technical and mechanical design

The compact build allows for mounting the devices on a standard rail or a wall.

4	2-port Ethernet switch with 2 LEDs per port for display purposes	
5	PXC4.E16: Plug-in terminal block with screw terminals KNX PL-Link	
6	Plug-in terminal block with screw terminals Power supply	
7	Plug-in terminal blocks with screw terminals Universal inputs/outputs, field device supply	
8	Connector for I/O modules TXM	
9	Plug-in terminal block with screw terminals Relay outputs	
10	PXC4.E16: Plug-in terminal block with screw terminals COM, Modbus RTU	
11	PXC4.E16: DIP switch for bus termination and polarization COM	
12	Slider for mounting on DIN rails	
13	Eyelets for cable ties	

1	Plastic housing	14	Holes for wall mounting
2	Service button (identification in the network and WLAN on/off)	15	Date / Series and Serial number
3	LEDs for communication and state	16	QR code for default WLAN access Description see Technical data

LED displays

Activity	LED	Color	Activity	Function
	Ethernet 1/2	Green	Continuously ON Continuously OFF Flashing	Link active No connection Network traffic
		Yellow	Continuously ON Continuously OFF	Link 100 Link 10 Mbps
	RUN	Green	Continuously ON Continuously OFF Flashing	Device operational Device not operational Start-up or program halted
		Red	Continuously OFF Continuously ON Rapid flashing	OK HW or SW fault Firmware or application missing/corrupted
	☁	Blue	Continuously ON Continuously OFF	Connection to the cloud OK No connection to the cloud
	COM TX (PXC4.E16)	Yellow	Flashing Continuously OFF	Communication No communication to subsystem
	COM RX (PXC4.E16)	Yellow		
	SVC	Red	Continuously OFF Flashing	OK Device is not configured
			Flashing per wink command	Identification of the device after receipt of wink command
	WLAN	Blue	Steady OFF Steady ON Flashing	WLAN inactive WLAN active and at least one WLAN client connected WLAN active and no WLAN client connected
	Service button		Press 0.2 ... 1 s Press 1 ... 3 s	Identification in the network Enable / disable WLAN WLAN is disabled automatically after 10 min if no client is connected
			As per description	Do the following to reset the device to factory state: 1. Power off the device. 2. Power on the device. 3. Wait until all LEDs light up and turn off again, then press the Service button. 4. Keep the Service button pressed until all LEDs light up, then release the button. All LEDs go off, the device restarts. 5. Wait until the device has fully started – unconfigured (green RUN LED and red SVC LED are flashing)

Safety

	⚠ **CAUTION**
⚠	**National safety regulations** Failure to comply with national safety regulations may result in personal injury and property damage. ● Observe national provisions and comply with the appropriate safety regulations.

Mounting position and ambient temperature

The devices can be snapped onto standard rails or screwed onto a flat surface.

Plug-in screw terminals connect power and interfaces.

Ambient temperature -5...50 °C (23...122 °F)	Ambient temperature -5...45 °C (23...113 °F)

● Wall, horizontal
   – From left to right
   – From right to left
	● Overhead
	● Wall, vertically
	   – From top to bottom
	   – From bottom to top
	● On a horizontal surface

Installation

	⚠ **WARNING**
⚡	**No internal line protection for supply lines to external consumers** Risk of fire and injury due to short-circuits! ● Adapt the wire cross sections as per local regulations to the rated value of the installed fuse.

	⚠ **WARNING**
⚡	**The relay outputs may be connected to mains voltage** Risk of electric shock! Incorrect installation of the device may lead to electric shock injuries when touching the device! ● Install the device in a lockable cabinet or use terminal covers. ● Do not install the device in locations where children are likely to be present. ● Conductors with a cross-section of 0.5 mm2 (AWG24) or greater shall comply with the requirements of IEC 60332-1-2 and IEC 60332-1-3 or IEC TS 60695-11-21.

Disposal

🗑	The device is considered an electronic device for disposal in accordance with European Directive and may not be disposed of as domestic waste. ● Use only designated channels for disposing the devices. ● Comply with all local and currently applicable laws and regulations.

Technical data

Power supply

Operating voltage (24 V~, ⊥, ⏚)	AC 24 V -15 / +20 % (PELV) AC 24 V Class 2 (US) 48…63 Hz
Functional ground (US) Functional earth ⏚	The terminal for the functional ground must be connected on the installation side with the building grounding system (PE).
Screw terminals for wire cross sections up to	Max. 2.5 mm² (14 AWG)
Internal fusing	4 A irreversible / non-replaceable
External supply line fusing (EU)	Non-renewable fuse max. 10 A slow-blow or circuit breaker max. 13 A Tripping characteristic B, C, D per EN 60898 or Power supply with current limitation of max. 10 A

Power consumption (for transformer planning)

	PXC4.E16S	PXC4.E16
Full load	**78 VA / 3.25 A**	**82 VA / 3.4 A**
Base load PXC4.E16S: without loading by I/O modules TXM and field devices PXC4.E16: without loading by I/O modules TXM, KNX PL-Link, and field devices	10 VA / 0.4 A	10 VA / 0.4 A
Field device supply V+ (DC 24 V, 100 mA) (terminals 8 and 19)	5 VA / 0.2 A	5 VA / 0.2 A
Field device supply V~ (AC 24 V, 2 A) (terminals 18 and 29)	48 VA / 2 A	48 VA / 2 A
I/O modules TXM supply	15 VA / 0.6 A	15 VA / 0.6 A
KNX PL-Link supply		4 VA / 0.17 A

Function data

Hardware information	
Processor	Texas Instruments AM335x, 300 MHz
Storage	128 MByte SDRAM (DDR3) 512 MByte NAND Flash

Data backup in the event of power failure
Energy reserve (supercap) to support real-time clock (7 days).
Data available if stored to flash memory. Occurs every 5 minutes. The interval of 5 minutes is only valid for change log but not for trending. In case of a power failure, trend log data can be lost up to 30 minutes.

Screw terminals, plug-in	
Cu-wire or Cu-strand with wire end sleeve	1 x 0.6 mm Ø to 2.5 mm^2 (22 to 14 AWG) or 2 x 0.6 mm Ø to 1.0 mm^2 (22 to 18 AWG)
Cu-strand without wire end sleeve	1 x 0.6 mm Ø to 2.5 mm^2 (22 to 14 AWG) or 2 x 0.6 mm Ø to 1.5 mm^2 (22 to 16 AWG)
Stripping length	6...7.5 mm (0.24...0.29 in)
Screwdriver	Slot screws, screwdriver size 1 with shaft ø = 3 mm
Max. tightening torque	0.6 Nm (0.44 lb ft)

Ethernet interface	
Plug	2 x RJ45, shielded
Interface type	10Base-T / 100Base-TX, IEEE 802.3 compatible
Bit rate	10/100 Mbps, autosensing
Protocol	BACnet/IP on UDP/IP, BACnet/SC on TCP/IP, and HTTPS on TCP/IP
Cabling (in-house cabling only), cable type	10 Mbps: Min. CAT3, shielded cable is recommended 100 Mbps: Min. CAT5, shielded cable is recommended
Cable length	Max. 100 m (330 ft)

WLAN interface	
Interface type	Wireless access point
Supported standards Frequency band WLAN channels Maximum radio-frequency power	IEEE 802.11b/g/n 2.4…2.462 GHz 1…11 16.4 dBm
Distance (unobstructed field)	Min. 5 m (16 ft)
Device pairing	Activation / Deactivation with service button Automatic switch off after 10 minutes if no WLAN-client is connected. Optionally, for cyber security reasons, the WLAN can be permanently disabled via configuration.
Default SSID and WLAN password: Scan the QR code. It will show something like WIFI:S:**PXC4.E16_0000550**;T:WPA;P:**1400052738**;; Then SSID = PXC4.E16_0000550 and password = 1400052738 Determine manually: Use the information from the Date/Series/SN block It will show something like: Date/Series: 20190423A**0000550** S/N: **1400052738** SSID = <ASN>_<Running number after the series letter> and password = <S/N>	

KNX PL-Link interface	
Type	KNX TP1 PL-Link, galvanic isolation Baud rate: 9.6 kbps
Cabling (in-house cabling only) Cable length	2-wire cable, 0.75 mm^2 / AWG20 or 1 mm^2 / AWG18 With internal supply: Max. 80 m (262 ft) With external supply: Max. 1000 m (3300 ft)
Internal bus power	Max. 50 mA When using external bus power for KNX PL-Link, switch off the internal bus power via the ABT Site Tool.

I/O modules TXM interface	
Nominal voltage	DC 24 V
Power supply for I/O modules TXM	Max. 300 mA
Parallel switchable with 24VDC Supply TXS1.12F4	For details, see: TX-I/O engineering and installation, CM110562
Protection	Short-circuit proof
Connector for I/O modules TXM on the side: No protection against faulty wiring with AC 24 V	No electrical protection. Use the cover

On PXC4.E16

Modbus RTU interface	
Interface type	EIA-485, electrically isolated
Baud rate	300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 76800, 115200 (depending on the configuration)
Internal bus termination	120 Ohm, switchable with DIP switch
Internal bus polarization	270 Ohm pull-up/pull-down resistances, switchable with DIP switch
Cabling (in-house cabling only) Cable length	3-wire cable, shielded cable recommended (shield must be connected to building earth in the mounting panel) Max. 1000 m (3300 ft)
Protection	Short-circuit proof Protection against faulty wiring with AC 24 V

Inputs

12 universal inputs U1...U12 with the following functions

Temperature measurement, analog		
Type	Range (over range)	Resolution
AI NTC10K (Type II / Beta (0-50 °C) = 3892 K)	-40...115 °C (-52.5...155 °C) -48...239 °F (-62.5...311 °F)	10 mK (25 °C) 0.018 °F
AI NTC100K	-40...125 °C (-52.5...155 °C) -48...257 °F (-62.5...311 °F)	
AI PT1K 385 (EU) *)	-50...600 °C (-52.5...610 °C) -58...1112 °F (-62.5...1130 °F)	20 mK 0.036 °F
AI PT1K 375 (NA) *)	-50...180 °C (-52.5...185 °C) -58...356 °F (-62.5...365 °F)	10 mK 0.018 °F
AI (LG-)Ni1000 *)		
AI 2x (LG-)Ni1000 *)		

Resistance sensor, analog		
Type	Range (over range)	Resolution
AI 1000 Ohm *)	0...1000 Ω (0...1050 Ω)	0.1 Ω
AI 2500 Ohm *)	0...2500 Ω (0...2650 Ω)	0.1 Ω
AI Pt1000 *)	0...2500 Ω (0...2650 Ω)	0.1 Ω
AI 1000-1175 Ohm *) for setpoint shift	1000...1175 Ω (900...1295 Ω)	0.1 Ω

*) A fixed value of 1 Ω is calibrated to correct line resistance.

Voltage measurement, analog		
Type	Range (over range)	Resolution
AI 0...10 V	0...10 V (-1.5...11.5 V)	1 mV
AI 0...10 V standard	0...100% (-10...110%)	0.01%
Open connection: Negative voltage -1.5 V (line failure detection)		

Current measurement, analog *(only inputs U1, U2, U7, U8)*			
Type	Range (over range)	Resolution	Load
AI 4-20 mA	4...20 mA (1.6...22.4 mA)	1 µA	Min. 490 Ω
AI 0-20 mA	0...20 mA (-3...23 mA)	1 µA	Min. 490 Ω

Digital input	
Contact query voltage	21.5...25 V
Contact query current	1 mA; 6 mA initial current
Contact resistance for closed contacts	Max. 200 Ω
Contact resistance for open contacts	Min. 50 kΩ
Counter memory (counter inputs	0 ... 4.3 x 10^9 (32-bit counter)

	Min. closing/operating time [ms] including bounces	Of which Max. bounce time [ms]	Max. counter frequency (symmetrical)
BI NO / BI NC	60	20	
BI Pulse NO	30	10	
CI Mech (25Hz)	20	10	25 Hz
CI EI (100Hz)	5	0	100 Hz

Outputs

Analog output			
Type	Range (over range)	Resolution	Output current
AO 0-10 V	0...10 V (-0.05…10.6 V)	1 mV	Max. 1 mA
AO 0-10 V standard	0...100% 0% = 0 V, 100% = 10 V (-0.05...10.6 V)	0.01 %	Max. 1 mA

Relay output (outputs DO1...DO4) ⚠ ⚡	
External supply line fusing Non-renewable fuse Circuit breakers	Max. 10 A, slow Max. 13 A, characteristic B, C, D as per EN 60898
Switching voltage AC/DC	Max. AC 250 V / DC 30 V Min. AC/DC 12 V
Current load AC	NO contact: Max. 4 A resistive, 3 A inductive (cos phi 0.6) NC contact: max. 2 A resistive, 1.5 A inductive (cos phi 0,6) Min. 1 mA at AC 250 V Min. 10 mA at AC 12 V
Current load DC	NO contact: Max. 3 A resistive at DC 30 V NC contact: Max. 1 A resistive at DC 30 V Min. 10 mA resistive at DC 12 V
Switch-on current	NO contact: Max. 10 A (1 s) NC contact: Max. 3 A (1 s)
Response/release time	7 ms / 3 ms typical
Contact life at AC 250 V (reference values) At 0.3 A resistive NO contact at 3 A resistive NC contact at 2 A resistive Reduction fact at ind. load (cos phi = 0.6)	5 x 10^5 switchings 1 x 10^5 switchings 1 x 10^5 switchings 0.6
Insulating strength between relay contacts and system electronics (reinforced insulation).	AC 3750 V, as per EN 60730-1

Field device supply (Onboard)	
AC 24 V (terminal V~)	Max. 2 A, short-circuit proof *)
DC 24 V (terminal V+)	Max. 100 mA, short-circuit proof, protected against incorrect wiring with AC 24 V

Field device supply (I/O modules TXM)	
AC 24 V (terminal V~ on the I/O modules TXM)	Max. 2 A, short-circuit proof *)

*) Sum total onboard V~ and TXM bus V~ max. 2 A

Conformity

Ambient conditions and protection classification	
Classification as per EN 60730 Automatic action Control function Degree of pollution Overvoltage category	 Type 1 Class A 2 III
Protection against electric shock	Suitable for use in protection class I or II systems
Degree of protection of housing to EN 60529 Front parts in DIN cut-out Terminal part	 IP30 IP20
Climatic ambient conditions ● Storage / Transport (packaged for transport) as per IEC EN 60721-3-1 / IEC EN 60721-3-2 ● Operation as per IEC/EN 60721-3-3	● Class 1K22 / 2K12 Temperature -25...70 °C (-13...158 °F) Air humidity 5...95 % (non-condensing) ● Class 3K23 Operation in enclosed dry locations, having no temperature or humidity control Temperature -5...50 °C (23...122 °F) *(for details see chapter Mounting)* Air humidity 5...95 % (non-condensing)
Mechanical ambient conditions ● Transport per IEC/EN 60721-3-2 ● Operation as per IEC/EN 60721-3-3	 ● Class 2M4 ● Class 3M11

Standards, directives and approvals	
Product standard	IEC/EN 60730-1
Product family standards	IEC/EN 63044-x
Electromagnetic compatibility (EMC)	For residential, commercial, and industrial environments
EU conformity (CE)	See CE declaration [1]
EAC compliance	Eurasian compliance
RCM conformity	See RCM declaration [1]
UL/cUL certification (US / Canada)	UL916; http://ul.com/database
CSA certification	C22.2, http://csagroup.org/services-industries/product-listing
FCC	CFR 47 Part 15C
BACnet.	B-BC
Environmental compatibility [1]	The product environmental declaration [1] contains data on environmentally compatible product design and assessments (RoHS compliance, materials composition, packaging, environmental benefit, disposal).

[1] Documents can be downloaded at http://siemens.com/bt/download.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation

FCC Caution: Changes or modifications not expressly approved by Siemens Switzerland Ltd. could void user authority to operate the equipment. United States representative https://new.siemens.com/us/en/products/buildingtechnologies/home.html

Industry Canada statement

This device complies with ISED's license-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Radiofrequency radiation exposure statement

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Housing

Color top/bottom	RAL 7035 (light grey) / RAL 7016 (anthracite grey)
Dimensions	per DIN 43880, see dimensions
Weight without/with packaging	483 g / 553 g
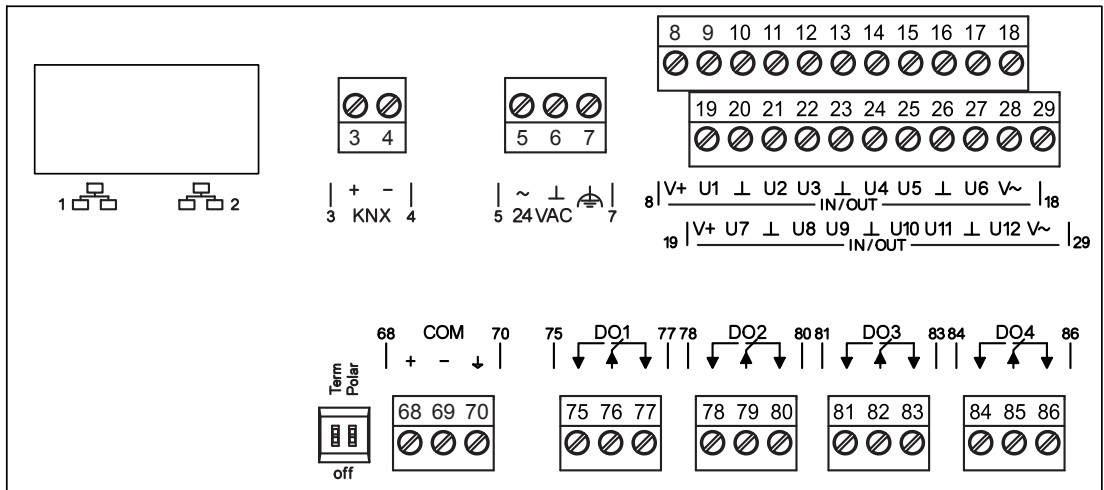
| Terminal	Symbol	Description	Module	Channel
1, 2		2 x RJ45 interface for Ethernet with switch		
3, 4	KNX	PXC4.E16: KNX PL-Link		
5, 6	24 V ~, ⊥	Operating voltage AC 24 V		
7	⏚	Functional ground must be connected on the installation side with the building grounding system (PE).		
9 to 17 20 to 28	Ux	Universal inputs/outputs	61	1…12
	⊥	Measuring ground for Ux		
8, 19	V+	DC 24 V power for field devices 2.4 W / <100 mA		
18, 29	V~	AC 24 V power for field devices 48 VA / 2 A		
68, 69, 70	COM	PXC4.E16: Interface EIA-485 (Modbus RTU)		
Term	on, off	PXC4.E16: Switch for bus termination		
Polar	on, off	Switch for polarization		
75 to 86	DOx	Relay outputs	11	1…4

Wiring lines for field devices

Wiring length max. 300 m (1,000 ft), CU wire or CU strand.

Cross-section depending on the signal

30 m (100 ft) applies for signal types AI NTC10K and AI NTC100K
or 80 m (260 ft) with shielding

Examples of connection diagrams for universal inputs/outputs

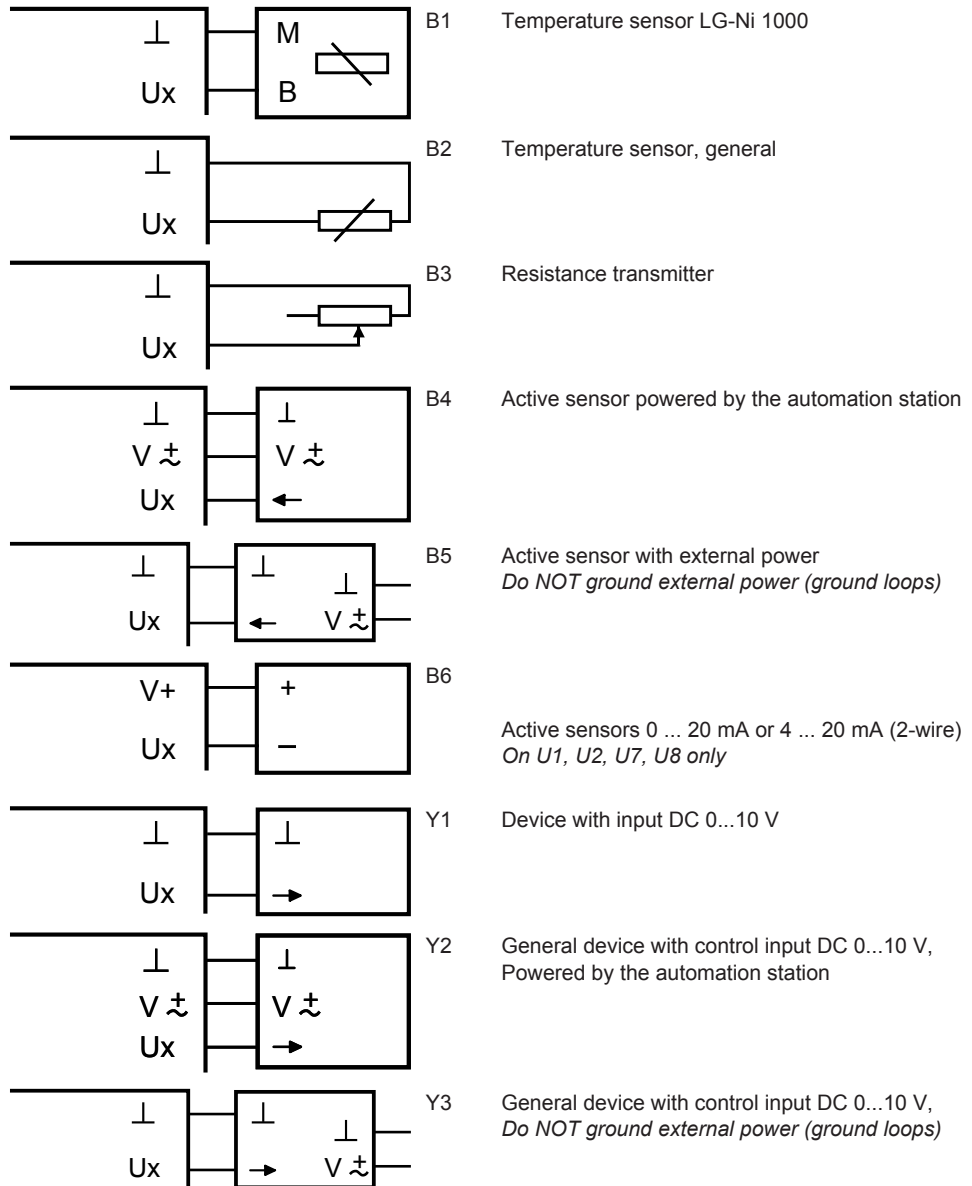**Digital inputs**

S1   Feedback contact (NO)

S2   Feedback contact (NC)
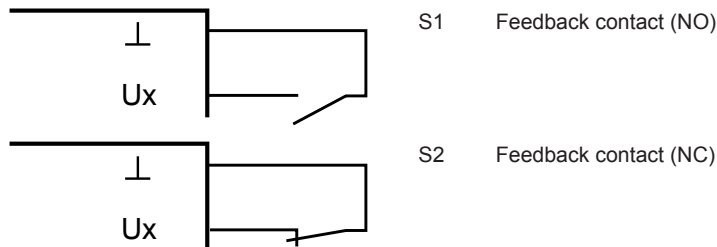
Count inputs:

Counter inputs, that count faster than 1 Hz and are laid with more than 10 meters using analog inputs in the same cable duct, must be shielded.

Analog inputs

⊥ M	B1	Temperature sensor LG-Ni 1000
Ux B		

⊥	B2	Temperature sensor, general
Ux		

⊥	B3	Resistance transmitter
Ux		

⊥ ⊥	B4	Active sensor powered by the automation station
V± V~̱		
Ux ←		

⊥ ⊥ ⊥	B5	Active sensor with external power
Ux ← V~̱		*Do NOT ground external power (ground loops)*

V+ +	B6	
Ux −		Active sensors 0 ... 20 mA or 4 ... 20 mA (2-wire)
		On U1, U2, U7, U8 only

Analog outputs

⊥ ⊥	Y1	Device with input DC 0...10 V
Ux →		

⊥ ⊥	Y2	General device with control input DC 0...10 V,
V± V~̱		Powered by the automation station
Ux →		

|		
⊥ ⊥ ⊥	Y3	General device with control input DC 0...10 V,
Ux → V~̱		*Do NOT ground external power (ground loops)*

Warranty

The application-specific technical data is guaranteed only in combination with the Siemens products listed in the 'Device combinations' section. If third-party products are used, any guarantee provided by Siemens will be invalidated.
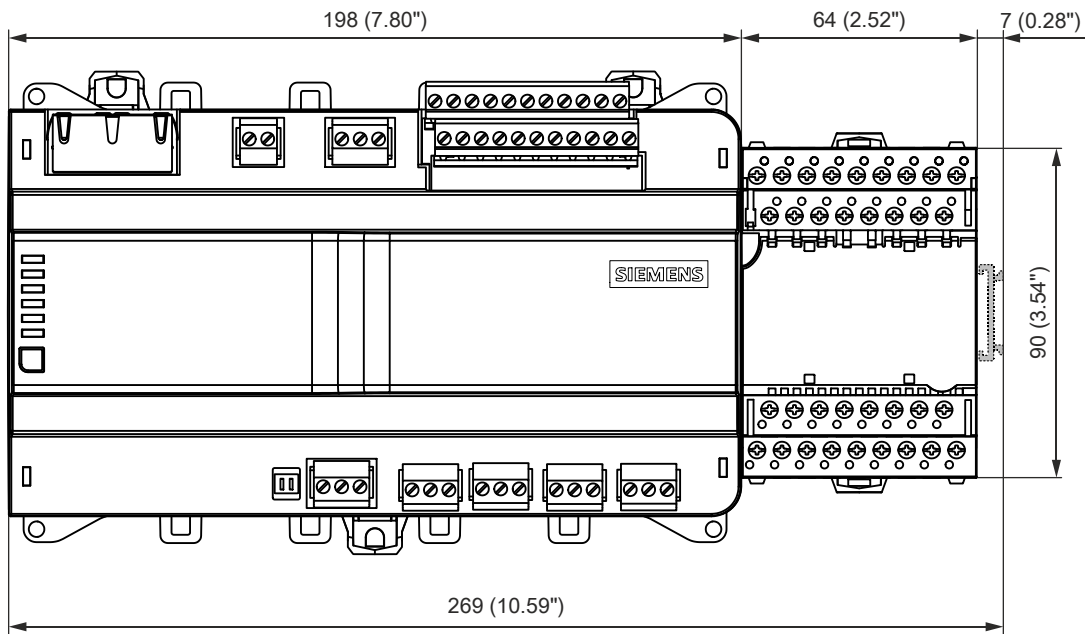
Dimensions

All dimensions in mm and inches.

PXC4.E16
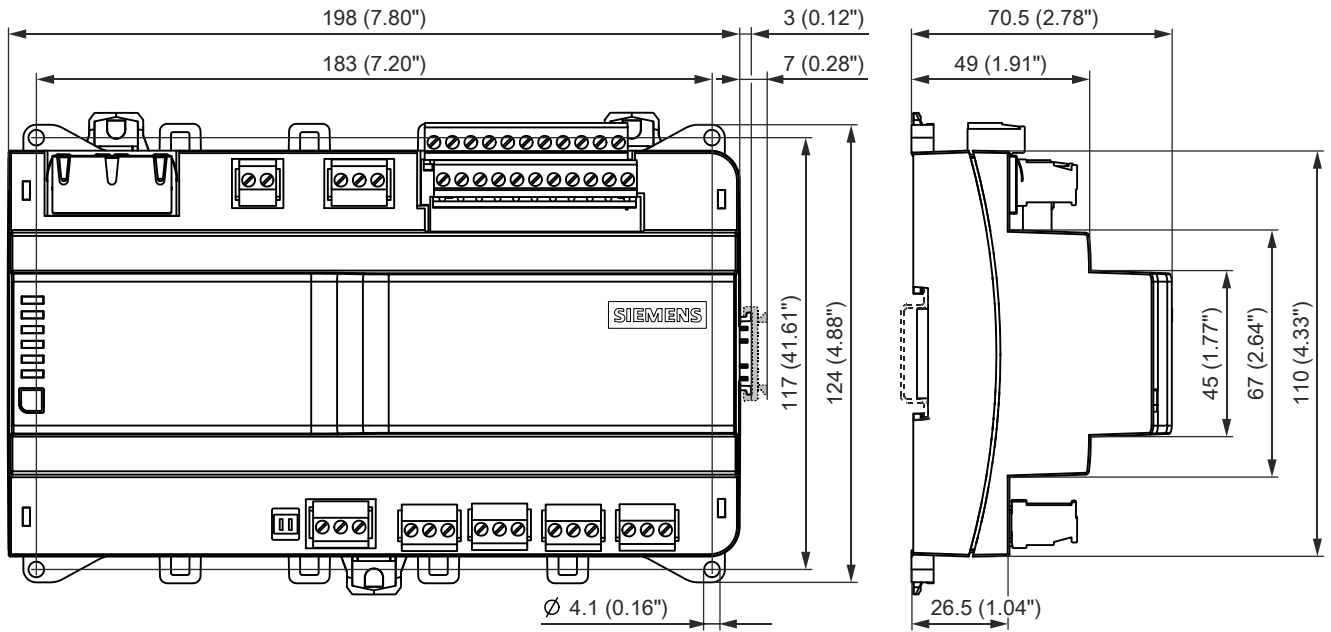
PXC4.E16 with TXM module

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