

# PLC-V8C/PT-24DC/BM2 - Controller



2907446

<https://www.phoenixcontact.com/us/products/2907446>

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PLC logic basic module, Generation 2, with 16 I/Os, for plug-in connection to eight digital or analog PLC-INTERFACE terminal blocks, can be extended to 48 I/Os, real-time clock, micro USB female connector, accommodates memory module and Bluetooth adapter, Push-in connection

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 2907446             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | C424                |
| Product key                          | CK2611              |
| Catalog page                         | Page 431 (C-5-2019) |
| GTIN                                 | 4055626218168       |
| Weight per piece (including packing) | 142.7 g             |
| Weight per piece (excluding packing) | 136 g               |
| Customs tariff number                | 85371098            |
| Country of origin                    | DE                  |

## Technical data

### Notes

|                    |                                                                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Product properties

|                |                       |
|----------------|-----------------------|
| Product type   | Base unit             |
| Product family | PLC logic             |
| Operating mode | 100% operating factor |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 04 |
|------------------|----|

### Insulation characteristics: Air clearances and creepage distances

|                      |                  |
|----------------------|------------------|
| Insulation           | Basic insulation |
| Overvoltage category | III              |
| Pollution degree     | 2                |

### Electrical properties

#### Air clearances and creepage distances

|                          |        |
|--------------------------|--------|
| Rated insulation voltage | 50 V   |
| Rated surge voltage      | 0.8 kV |

#### Real-time clock

|                         |                  |
|-------------------------|------------------|
| Realtime clock          | yes              |
| Buffer period           | 96 h (Capacitor) |
| Accuracy realtime clock | ±2 s/d           |

#### Supply

|                                |                             |
|--------------------------------|-----------------------------|
| Supply voltage                 | 24 V DC                     |
| Supply voltage range           | 19.2 V DC ... 26.4 V DC     |
| Typical input current at $U_N$ | 40 mA                       |
| Maximum input current at $U_N$ | 160 mA                      |
| Protective circuit             | Reverse polarity protection |
|                                | Surge protection            |

### Input data

#### Digital inputs

|                          |                                |
|--------------------------|--------------------------------|
| Number of inputs         | ≤ 8 (2 configurable as analog) |
| Description of the input | EN 61131-2, type 3             |
| Input voltage            | 24 V DC                        |
| Signal level "0" signal  | < 5 V                          |

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|                          |              |
|--------------------------|--------------|
| Signal level "1" signal  | > 11 V       |
| Input current "0" signal | < 1 mA       |
| Input current "1" signal | 2.5 mA       |
| Status display           | LED (yellow) |

## Analog inputs

|                     |                                              |
|---------------------|----------------------------------------------|
| Number of inputs    | ≤ 2 (IN6 and IN7 are configurable as analog) |
| Input voltage range | 0 V ... 10 V                                 |
| Input resistance    | > 3.5 kΩ                                     |

## Contact to PLC-INTERFACE

|                             |                                                                 |
|-----------------------------|-----------------------------------------------------------------|
| Number of inputs            | ≤ 8                                                             |
| Description of the input    | technical data depends on the PLC-INTERFACE terminal block used |
| Input voltage               | 19 V DC                                                         |
| Typical current consumption | 4 mA                                                            |
| Input resistance            | < 100 mΩ                                                        |

## Output data

|                        |         |
|------------------------|---------|
| Number of outputs      | ≤ 8     |
| Nominal output voltage | 24 V DC |
| Nominal current        | 9 mA    |

## Connection data

### COMBICON connection

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| Connection method                | Push-in connection                                    |
| Stripping length                 | 9 mm                                                  |
| Number of connections            | 1                                                     |
| Number of positions              | 10                                                    |
| Note                             | Device supply and 8 x inputs                          |
| Conductor cross section rigid    | 0.14 mm² ... 1.5 mm²                                  |
| Conductor cross section flexible | 0.14 mm² ... 1.5 mm²                                  |
|                                  | 0.25 mm² ... 0.5 mm² (Ferrule with plastic sleeve)    |
|                                  | 0.25 mm² ... 1.5 mm² (Ferrule without plastic sleeve) |
| Conductor cross section AWG      | 26 ... 16                                             |

### Programming connection

|                       |                  |
|-----------------------|------------------|
| Connection method     | Micro USB type B |
| Number of connections | 1                |

### INTERFACE system

|                               |                        |
|-------------------------------|------------------------|
| Connection method             | Spring-cage connection |
| Stripping length              | 6 mm                   |
| Number of connections         | 1                      |
| Number of positions           | 3                      |
| Conductor cross section rigid | 0.14 mm² ... 0.5 mm²   |

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|                                  |                     |
|----------------------------------|---------------------|
| Conductor cross section flexible | 0.2 mm² ... 0.5 mm² |
| Conductor cross section AWG      | 26 ... 20           |

## PLC logic - bus

|                       |                                    |
|-----------------------|------------------------------------|
| Connection method     | Insulation displacement connection |
| Number of connections | 1                                  |
| Number of positions   | 4                                  |

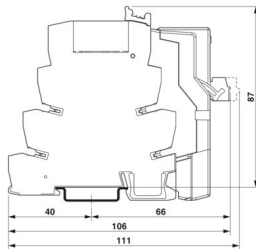
## Memory

|                       |                                  |
|-----------------------|----------------------------------|
| Connection method     | S-PORT (socket)                  |
| Number of connections | 1                                |
| Number of positions   | 12                               |
| Note                  | For connecting the memory module |

## Signaling

|                |             |
|----------------|-------------|
| Status display | LED (green) |
|----------------|-------------|

## Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 50 mm                                                                                |
| Height              | 48.5 mm                                                                              |
|                     | 111 mm (with relay)                                                                  |
| Depth               | 82.5 mm                                                                              |
|                     | 87 mm (with relay)                                                                   |

## Material specifications

|       |                 |
|-------|-----------------|
| Color | gray (RAL 7042) |
|-------|-----------------|

## Environmental and real-life conditions

### Ambient conditions

|                                                |                  |
|------------------------------------------------|------------------|
| Degree of protection                           | IP20             |
| Ambient temperature (operation)                | -20 °C ... 50 °C |
| Ambient temperature (storage/transport)        | -20 °C ... 70 °C |
| Max. permissible relative humidity (operation) | 95 %             |

## Approvals

CE

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|                |                                       |
|----------------|---------------------------------------|
| Certificate    | CE-compliant                          |
| UL, USA/Canada |                                       |
| Identification | Class I, Div. 2, Groups A, B, C, D T4 |
| UL, Canada     |                                       |
| Identification | Class I, Zone 2, Ex ec IIC Gc T4 X    |
| UL, USA        |                                       |
| Identification | Class I, Zone 2, AEx ec IIC T4        |

## Standards and regulations

Air clearances and creepage distances

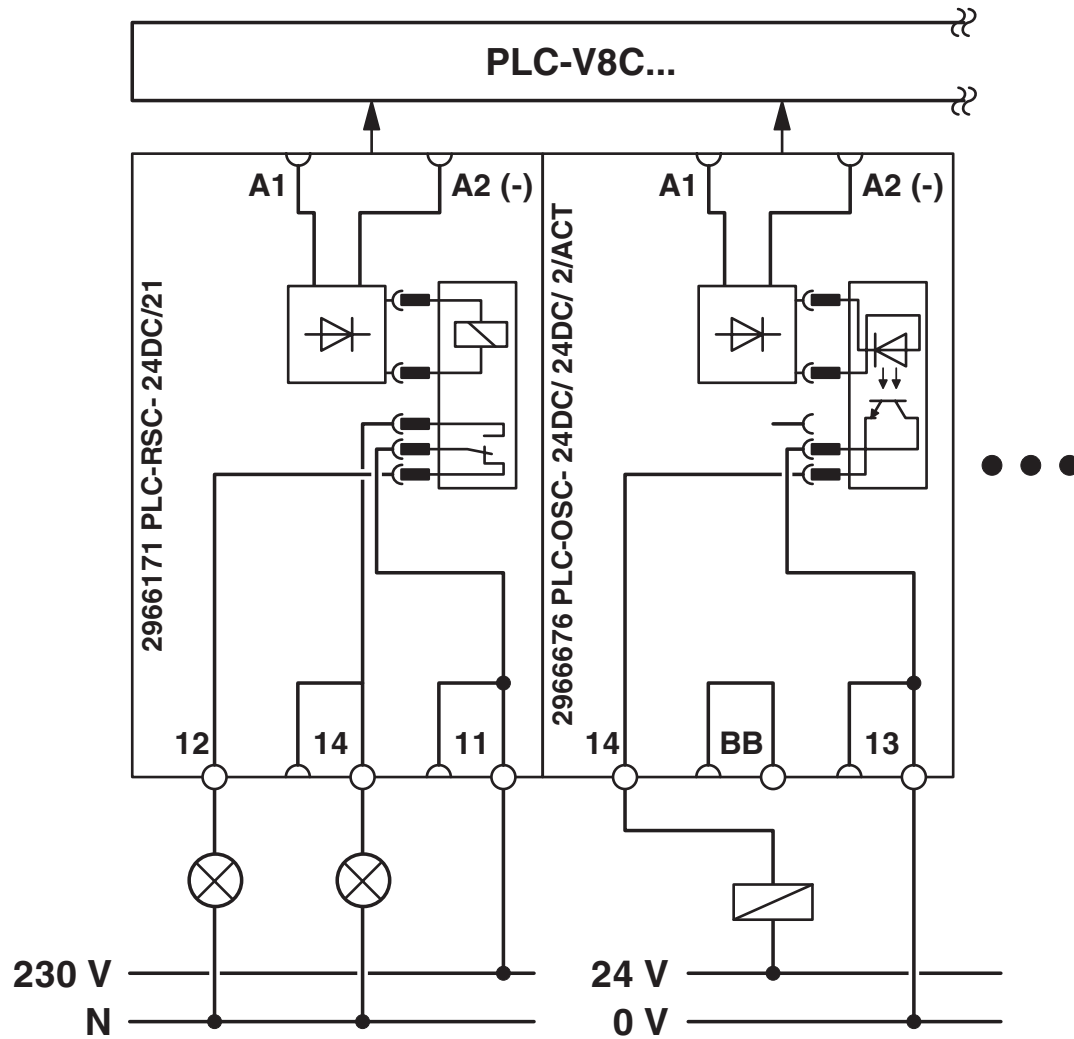
|                       |                |
|-----------------------|----------------|
| Standards/regulations | EN IEC 60664-1 |
|-----------------------|----------------|

## Mounting

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Mounting type     | Plug-in mounting                                      |
| Assembly note     | can be plugged onto 8 x PLC-INTERFACE terminal blocks |
| Mounting position | any                                                   |

## Drawings

Circuit diagram



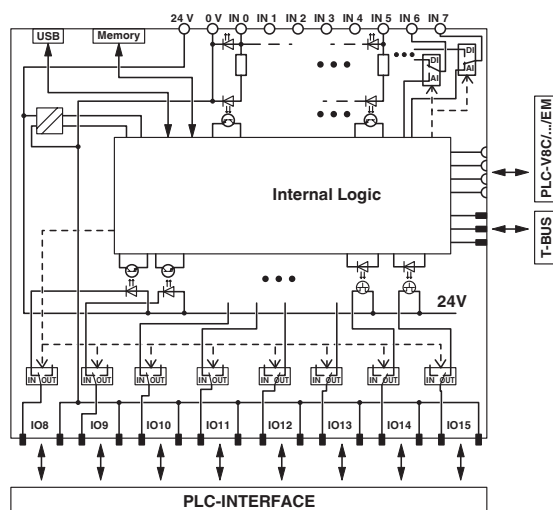
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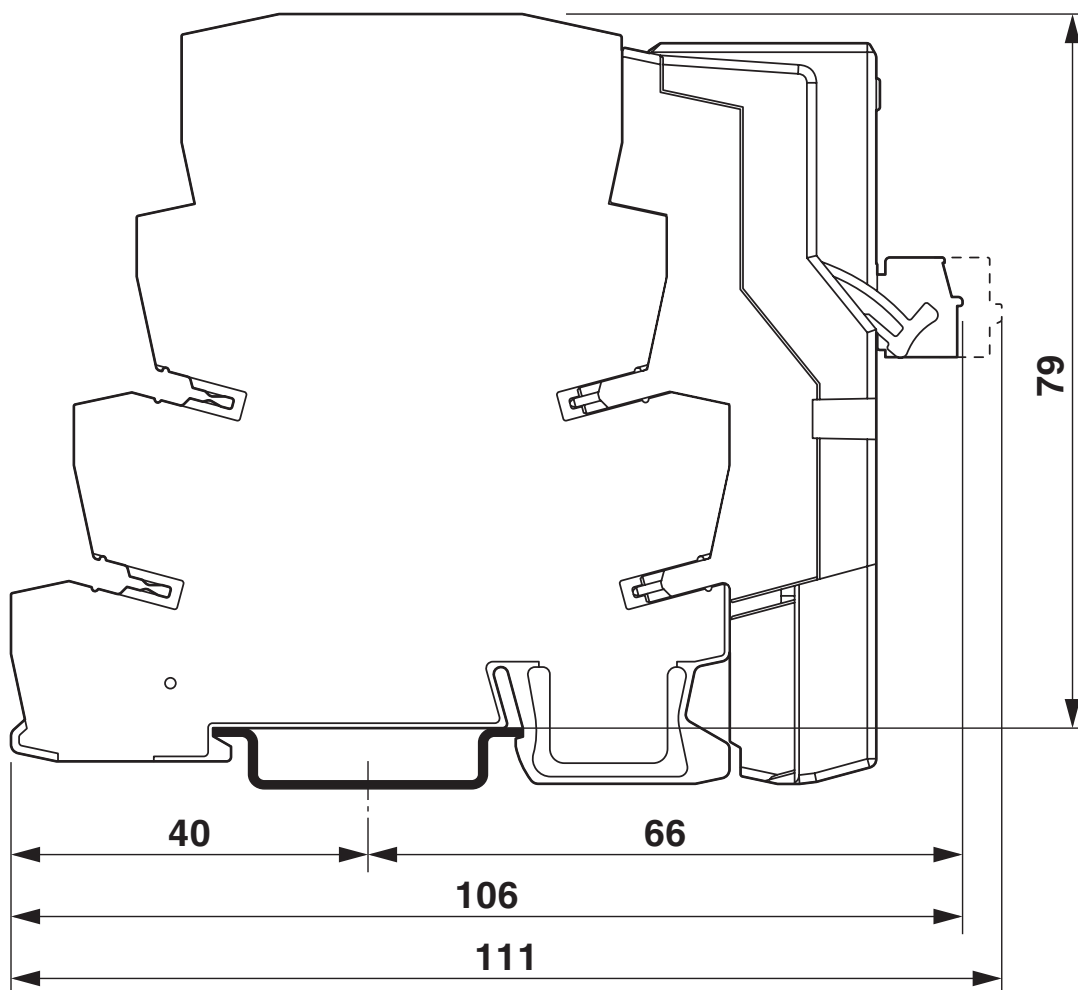
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Circuit diagram



Dimensional drawing



PLC logic with analogue terminals

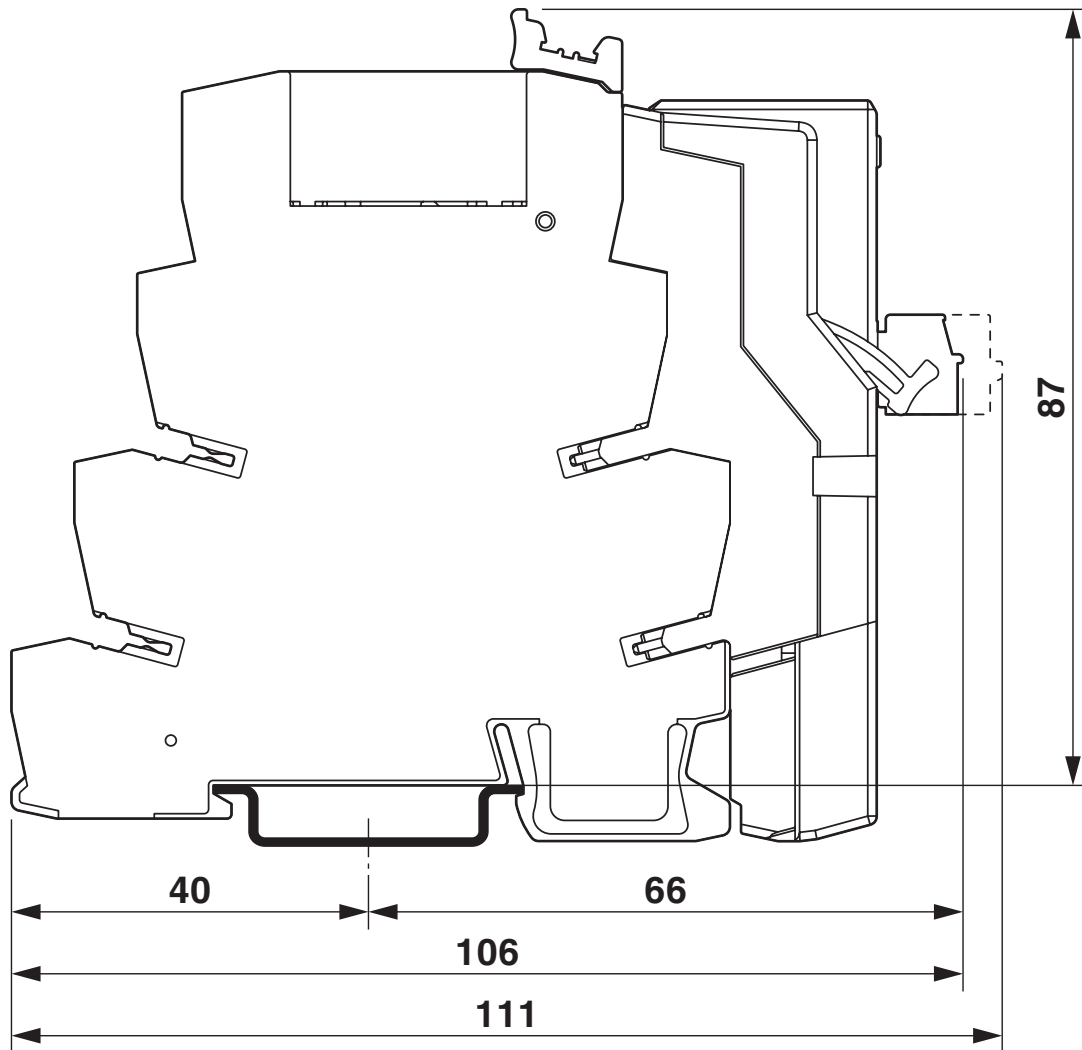
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Dimensional drawing



PLC logic with relay



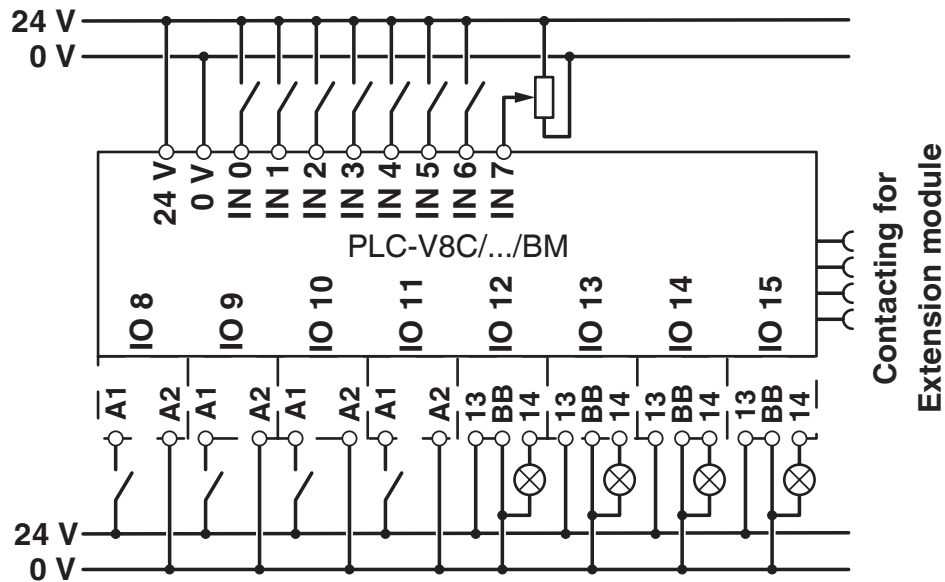
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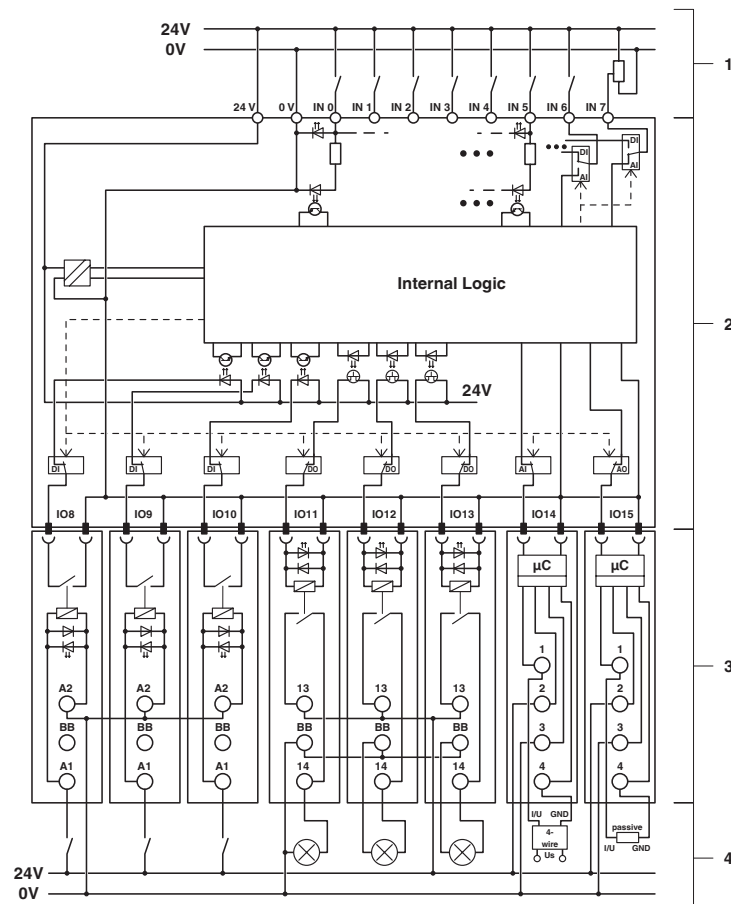
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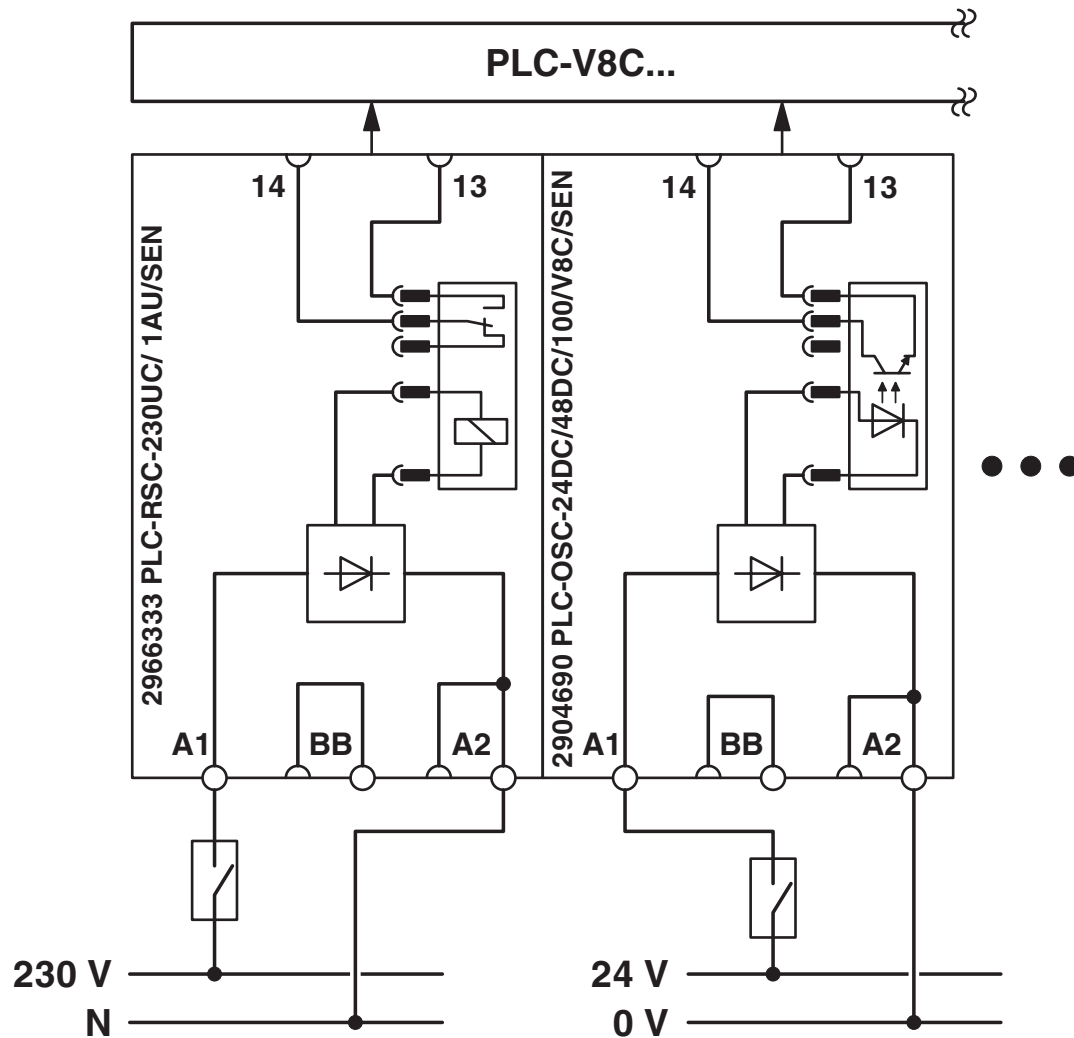
### Connection diagram



### Circuit diagram



Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2907446>



**EAC**  
Approval ID: RU\*DE.\*08.B.01517/19



**UL Listed**  
Approval ID: FILE E 172140



**cUL Listed**  
Approval ID: FILE E 172140



**cUL Listed**  
Approval ID: E199827



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27242216 |
| ECLASS-13.0 | 27242216 |
| ECLASS-12.0 | 27242216 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001417 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39122300 |
|-------------|----------|

Environmental product compliance

|                                         |                                                                                                                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS                                 |                                                                                                                                                                                                                                   |
| Fulfills EU RoHS substance requirements | Yes                                                                                                                                                                                                                               |
| Exemption                               | 7(a), 7(c)-I                                                                                                                                                                                                                      |
| China RoHS                              |                                                                                                                                                                                                                                   |
| Environment friendly use period (EFUP)  | EFUP-50                                                                                                                                                                                                                           |
|                                         | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |
| EU REACH SVHC                           |                                                                                                                                                                                                                                   |
| REACH candidate substance (CAS No.)     | Lead(CAS: 7439-92-1)                                                                                                                                                                                                              |
| SCIP                                    | e3dd21b2-ae91-4c2c-ac2c-ed9029b5dbf3                                                                                                                                                                                              |

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## Accessories

### ZBF 19,7:UNBEDRUCKT - Zack marker strips off the roll, flat

0810627

<https://www.phoenixcontact.com/us/products/0810627>



Zack marker strips off the roll, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 19.7 mm, lettering field size: 19.7 x 5.2 mm, Number of individual labels: 5

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### ZBF 19,7 CUS - Zack Marker strip, flat

0825021

<https://www.phoenixcontact.com/us/products/0825021>



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 19.7 mm, lettering field size: 5.15 x 19.7 mm, Number of individual labels: 5

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## IFS-CONFSTICK - Memory block

2986122

<https://www.phoenixcontact.com/us/products/2986122>



Multi-functional memory block for the INTERFACE systemf for easy storage and backup of the configuration.

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## IFS-BT-PROG-ADAPTER - Adapter

2905872

<https://www.phoenixcontact.com/us/products/2905872>



Bluetooth adapter with micro USB and S-PORT interface for wireless communication with the MINI Analog, MINI Analog Pro, MACX Analog, Interface System Gateways, and PLC logic device series.

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## CAB-USB A/MICRO USB B/2,0M - Connecting cable

2701626

<https://www.phoenixcontact.com/us/products/2701626>



Connecting cable, for connecting the controller to a PC for PC Worx and LOGIC+, USB A to micro USB B, 2 m in length.

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## IFS-V8C-RS232-DATCABLE - Cable

1076342

<https://www.phoenixcontact.com/us/products/1076342>



Data cable for RS-232 communication between the PLC logic modules and the BTP 2000 device series touch panels. Cable length: 2 m



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## PLC-V8C/PT-24DC/EM - Extension module

2905137

<https://www.phoenixcontact.com/us/products/2905137>



PLC logic extension module with 16 I/Os, for plug-in connection to eight PLC-INTERFACE terminal blocks for extending the basic module (a maximum of two extension modules can be connected to a basic module), Push-in connection

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## PLC-V8C/CAB/TBUS/0,3M - Connecting cable

2905263

<https://www.phoenixcontact.com/us/products/2905263>



Assembled shielded round cable; controller: PLC logic (connection to the DIN rail connector); connection 1: COMBICON connectors (1x 3-position); connection 2: COMBICON connectors (1x 5-position); cable length: 0.3 m

# PLC-V8C/PT-24DC/BM2 - Controller



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## PLC-RPT- 24DC/21 - Relay module

2900299

<https://www.phoenixcontact.com/us/products/2900299>



PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with Push-in connection and plug-in miniature relay with power contact, for mounting on NS 35/7,5 DIN rail, 1 changeover contact, input voltage 24 V DC

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## PLC-RSC- 24DC/21 - Relay module

2966171

<https://www.phoenixcontact.com/us/products/2966171>



PLC-INTERFACE, consisting of basic terminal block PLC-BSC.../21 with screw connection and plug-in miniature relay with power contact, for assembly on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V DC

# PLC-V8C/PT-24DC/BM2 - Controller

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## PLC-RPT-24DC/21/EX - Relay module

2909528

<https://www.phoenixcontact.com/us/products/2909528>



PLC-INTERFACE, consisting of DIN-rail-mountable basic terminal block in 6.2 mm with Push-in connection and plug-in miniature relay with 6 A power contact, 1 changeover contact, 24 V DC input voltage. Approved in accordance with ATEX/IECEX (zone 2) and Ex zone Class I, Div. 2.

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## PLC-RSC-24DC/21/EX - Relay module

2909524

<https://www.phoenixcontact.com/us/products/2909524>



PLC-INTERFACE, consisting of DIN-rail-mountable basic terminal block in 6.2 mm with screw connection and plug-in miniature relay with 6 A power contact, 1 changeover contact, 24 V DC input voltage. Approved according to ATEX/IECEX (Zone 2) and Ex Zone Class I, Div. 2.

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## PLC-RPT- 24DC/21AU - Relay module

2900306

<https://www.phoenixcontact.com/us/products/2900306>



PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with Push-in connection and plug-in miniature relay with multi-layer gold contact, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V DC

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## PLC-RSC- 24DC/21AU - Relay module

2966265

<https://www.phoenixcontact.com/us/products/2966265>



PLC-INTERFACE, consisting of PLC-BSC.../21 basic terminal block with screw connection and plug-in miniature relay with multi-layer gold contact, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V DC

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## PLC-RPT- 24DC/ 1/ACT - Relay module

2900312

<https://www.phoenixcontact.com/us/products/2900312>



PLC-INTERFACE for output functions, consisting of PLC-BPT.../ACT basic terminal block with push-in connection and plug-in miniature relay with power contact, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 24 V DC

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## PLC-RSC- 24DC/ 1/ACT - Relay module

2966210

<https://www.phoenixcontact.com/us/products/2966210>



PLC-INTERFACE for output functions, consisting of PLC-BSC.../ACT basic terminal block with screw connection and plug-in miniature relay with power contact, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 24 V DC

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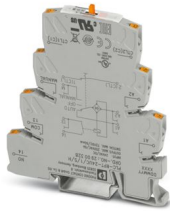
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## PLC-RPT- 24UC/ 1/S/H - Switch

2900328

<https://www.phoenixcontact.com/us/products/2900328>



PLC-INTERFACE with switch (operation by hand) and integrated power contact relay for the "Manual, Zero and Automatic" functions, with push-in connection, for mounting on DIN rail NS 35/7.5, one N/O contact, input voltage 24 V AC/DC

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## PLC-RSC- 24UC/ 1/S/H - Switch

2982236

<https://www.phoenixcontact.com/us/products/2982236>



PLC-INTERFACE with switch (operation by hand) for the "Manual, Zero, and Automatic" functions, with screw connection and integrated power contact relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 24 V AC/DC

# PLC-V8C/PT-24DC/BM2 - Controller

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## PLC-OPT- 24DC/ 48DC/100 - Solid-state relay module

2900352

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PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with push-in connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 3 - 48 V DC/100 mA

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## PLC-OSC- 24DC/ 48DC/100 - Solid-state relay module

2966728

<https://www.phoenixcontact.com/us/products/2966728>



PLC-INTERFACE, consisting of PLC-BSC.../21 basic terminal block with screw connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 3 - 48 V DC/100 mA

# PLC-V8C/PT-24DC/BM2 - Controller

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## PLC-OPT- 24DC/ 24DC/2 - Solid-state relay module

2900364

<https://www.phoenixcontact.com/us/products/2900364>



PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with push-in connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 3 - 33 V DC/3 A

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## PLC-OSC- 24DC/ 24DC/ 2 - Solid-state relay module

2966634

<https://www.phoenixcontact.com/us/products/2966634>



PLC-INTERFACE, consisting of PLC-BSC.../21 basic terminal block with screw connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 3 - 33 V DC/3 A



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## PLC-OPT- 24DC/230AC/1 - Solid-state relay module

2900369

<https://www.phoenixcontact.com/us/products/2900369>



PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with push-in connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 24 - 253 V AC/0.75 A

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## PLC-OSC- 24DC/230AC/ 1 - Solid-state relay module

2967840

<https://www.phoenixcontact.com/us/products/2967840>



PLC-INTERFACE, consisting of PLC-BSC.../21 basic terminal block with screw connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 24 - 253 V AC/0.75 A

# PLC-V8C/PT-24DC/BM2 - Controller

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## PLC-OPT- 24DC/ 24DC/2/ACT - Solid-state relay module

2900376

<https://www.phoenixcontact.com/us/products/2900376>



PLC-INTERFACE for output functions, consisting of PLC-BPT.../ACT basic terminal block with push-in connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 3 - 33 V DC/3 A

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## PLC-OSC- 24DC/ 24DC/ 2/ACT - Solid-state relay module

2966676

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PLC-INTERFACE for output functions, consisting of PLC-BSC.../ACT basic terminal block with screw connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 3 - 33 V DC/3 A

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## PLC-OSC- 24DC/230AC/ 1/ACT - Solid-state relay module

2967947

<https://www.phoenixcontact.com/us/products/2967947>



PLC-INTERFACE for output functions, consisting of PLC-BSC.../ACT basic terminal block with screw connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 24 ... 253 V AC/0.75 A

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## PLC-OPT- 24DC/300DC/1 - Solid-state relay module

2900383

<https://www.phoenixcontact.com/us/products/2900383>



PLC-INTERFACE, integrated solid-state relay, with push-in connection, for mounting on NS 35/7,5 DIN rails, input: 24 V DC, output: 12 - 300 V DC/1 A

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## PLC-OSC- 24DC/300DC/ 1 - Solid-state relay module

2980678

<https://www.phoenixcontact.com/us/products/2980678>



PLC-INTERFACE, integrated solid-state relay, with screw connection, for mounting on NS 35/7,5 DIN rails, input: 24 V DC, output: 12 - 300 V DC/1 A

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## PLC-OPT- 24DC/ 24DC/10/R - Solid-state relay module

2900398

<https://www.phoenixcontact.com/us/products/2900398>



PLC-INTERFACE with confirmation contact, consisting of basic terminal block with push-in connection and integrated miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 3 - 33 V DC/10 A

# PLC-V8C/PT-24DC/BM2 - Controller

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## PLC-OSC- 24DC/ 24DC/ 10/R - Solid-state relay module

2982702

<https://www.phoenixcontact.com/us/products/2982702>



PLC-INTERFACE with checkback contact, consisting of basic terminal block with screw connection and integrated miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: 3 ... 33 V DC/10 A

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## PLC-OPT- 24DC/ 48DC/500/W - Solid-state relay module

2900378

<https://www.phoenixcontact.com/us/products/2900378>



PLC-INTERFACE with electronic changeover contact, consisting of PLC-BPT.../21 basic terminal block with Push-in connection and integrated miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input: 24 V DC, output: 3-48 V DC/500 mA

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## PLC-OSC- 24DC/ 48DC/500/W - Solid-state relay module

2980636

<https://www.phoenixcontact.com/us/products/2980636>



PLC-INTERFACE with electronic changeover contact, consisting of PLC-BSC... /21 basic terminal block with screw connection and integrated miniature solid-state relay, for mounting on NS 35/7,5 DIN rail, 1 changeover contact, input: 24 V DC, output: 3 V DC ... 48 V DC/500 mA

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## PLC-OPT- 24DC/TTL - Solid-state relay module

2900363

<https://www.phoenixcontact.com/us/products/2900363>



PLC-INTERFACE for TTL signal, consisting of PLC-O.../TTL basic terminal block with push-in connection and integrated solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 24 V DC, output: TTL (5 V DC)

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## PLC-OSC- 24DC/TTL - Solid-state relay module

2982728

<https://www.phoenixcontact.com/us/products/2982728>



PLC solid-state relay with screw connection, for mounting on DIN rail NS 35/7.5, input: 24 V DC, output: TTL (5 V DC)

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## PLC-RPT- 24DC/ 1AU/SEN - Relay module

2900313

<https://www.phoenixcontact.com/us/products/2900313>



PLC-INTERFACE for input functions, consisting of PLC-BPT.../SEN basic terminal block with push-in connection and plug-in miniature relay with multi-layer gold contact, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 24 V DC

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## PLC-RSC- 24DC/ 1AU/SEN - Relay module

2966317

<https://www.phoenixcontact.com/us/products/2966317>



PLC-INTERFACE for input functions, consisting of PLC-BSC.../SEN basic terminal block with screw connection and plug-in miniature relay with multi-layer gold contact, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 24 V DC

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## PLC-RPT-120UC/ 1AU/SEN - Relay module

2900314

<https://www.phoenixcontact.com/us/products/2900314>



PLC-INTERFACE for input functions, consisting of PLC-BPT.../SEN basic terminal block with push-in connection and plug-in miniature relay with multi-layer gold contact, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 120 V AC/110 V DC



# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## PLC-RSC-120UC/ 1AU/SEN - Relay module

2966320

<https://www.phoenixcontact.com/us/products/2966320>



PLC-INTERFACE for input functions, consisting of PLC-BSC.../SEN basic terminal block with screw connection and plug-in miniature relay with multi-layer gold contact, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 120 V AC/110 V DC

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## PLC-RPT-230UC/ 1AU/SEN - Relay module

2900315

<https://www.phoenixcontact.com/us/products/2900315>



PLC-INTERFACE for input functions, consisting of PLC-BPT.../SEN basic terminal block with push-in connection and plug-in miniature relay with multi-layer gold contact, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 230 V AC/220 V DC

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## PLC-RSC-230UC/ 1AU/SEN - Relay module

2966333

<https://www.phoenixcontact.com/us/products/2966333>



PLC-INTERFACE for input functions, consisting of PLC-BSC.../SEN basic terminal block with screw connection and plug-in miniature relay with multi-layer gold contact, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input voltage 230 V AC/220 V DC

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## PLC-OPT-24DC/V8C/SEN - Solid-state relay module

2908172

<https://www.phoenixcontact.com/us/products/2908172>



PLC-INTERFACE for input functions with PLC logic, with Push-in connection and plug-in miniature solid-state relay, for mounting on a DIN rail, 1 N/O contact, input: 24 V DC

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## PLC-OSC-24DC/V8C/SEN - Solid-state relay module

2908173

<https://www.phoenixcontact.com/us/products/2908173>



PLC-INTERFACE for input functions with PLC logic, with screw connection and plug-in miniature solid-state relay, for mounting on a DIN rail, 1 N/O contact, input: 24 V DC

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## PLC-OPT-120UC/V8C/SEN - Solid-state relay module

2908174

<https://www.phoenixcontact.com/us/products/2908174>



PLC-INTERFACE for input functions with PLC logic, with Push-in connection and plug-in miniature solid-state relay, for mounting on a DIN rail, 1 N/O contact, input: 120 V AC/110 V DC

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## PLC-OSC-120UC/V8C/SEN - Solid-state relay module

2908175

<https://www.phoenixcontact.com/us/products/2908175>



PLC-INTERFACE for input functions with PLC logic, with screw connection and plug-in miniature solid-state relay, for mounting on a DIN rail, 1 N/O contact, input: 120 V AC/110 V DC

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## PLC-OPT-230UC/V8C/SEN - Solid-state relay module

2908176

<https://www.phoenixcontact.com/us/products/2908176>



PLC-INTERFACE for input functions with PLC logic, with Push-in connection and plug-in miniature solid-state relay, for mounting on a DIN rail, 1 N/O contact, input: 230 V AC/220 V DC

## PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## PLC-OSC-230UC/V8C/SEN - Solid-state relay module

2908177

<https://www.phoenixcontact.com/us/products/2908177>



PLC-INTERFACE for input functions with PLC logic, with screw connection and plug-in miniature solid-state relay, for mounting on a DIN rail, 1 N/O contact, input: 230 V AC/220 V DC

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## PLC-BPT- 24DC/21 - Relay base

2900445

<https://www.phoenixcontact.com/us/products/2900445>



6.2 mm PLC basic terminal block with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V DC

# PLC-V8C/PT-24DC/BM2 - Controller



2907446

<https://www.phoenixcontact.com/us/products/2907446>

## PLC-BSC- 24DC/21 - Relay base

2966016

<https://www.phoenixcontact.com/us/products/2966016>



6.2 mm PLC basic terminal block with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V DC

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## PLC-BPT- 24DC/ 1/SEN - Relay base

2900262

<https://www.phoenixcontact.com/us/products/2900262>



6.2 mm PLC basic terminal block for input functions with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with sensor supply voltage distribution (BB), 1 N/O contact, input voltage 24 V DC

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## PLC-BSC- 24DC/ 1/SEN - Relay base

2966061

<https://www.phoenixcontact.com/us/products/2966061>



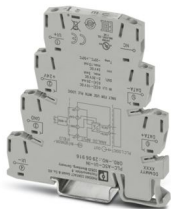
6.2 mm PLC basic terminal block for input functions with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with sensor supply voltage distribution (BB), 1 N/O contact, input voltage 24 V DC

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## PLC-ASC-UI-IN - Analog module

2906916

<https://www.phoenixcontact.com/us/products/2906916>



Analog input module for PLC logic logic modules (Generation 2 only), single-channel, signal type (4 mA ... 20 mA, 0 mA ... 20 mA, 0 V ... 10 V, 2 V ... 10 V) can be configured via DIP switch, screw connection

# PLC-V8C/PT-24DC/BM2 - Controller



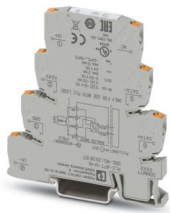
2907446

<https://www.phoenixcontact.com/us/products/2907446>

## PLC-APT-UI-IN - Analog module

2906917

<https://www.phoenixcontact.com/us/products/2906917>



Analog input module for PLC logic logic modules (Generation 2 only), single-channel, signal type (4 mA ... 20 mA, 0 mA ... 20 mA, 0 V ... 10 V, 2 V ... 10 V) can be configured via DIP switch, Push-in connection

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## PLC-ASC-PT100-IN - Analog module

2906918

<https://www.phoenixcontact.com/us/products/2906918>



Pt 100/Pt 1000 temperature transducer for PLC logic logic modules (Generation 2 only), single-channel, signal type (Pt 100, Pt 1000) configurable via DIP switch, screw connection



# PLC-V8C/PT-24DC/BM2 - Controller

2907446

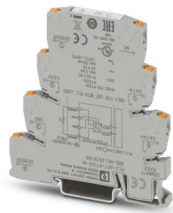
<https://www.phoenixcontact.com/us/products/2907446>



## PLC-APT-PT100-IN - Analog module

2906919

<https://www.phoenixcontact.com/us/products/2906919>



Pt 100/Pt 1000 temperature transducer for PLC logic logic modules (Generation 2 only), single-channel, signal type (Pt 100, Pt 1000) can be configured via DIP switch, Push-in connection

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## PLC-ASC-UI-OUT - Analog module

2906920

<https://www.phoenixcontact.com/us/products/2906920>



Analog output module for PLC logic logic modules (Generation 2 only), single-channel, signal type (4 mA ... 20 mA, 0 mA ... 20 mA, 0 V ... 10 V, 2 V ... 10 V) can be configured via DIP switch, screw connection

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

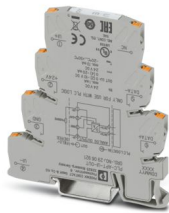
<https://www.phoenixcontact.com/us/products/2907446>



## PLC-APT-UI-OUT - Analog module

2906921

<https://www.phoenixcontact.com/us/products/2906921>



Analog output module for PLC logic modules (Generation 2 only), single-channel, signal type (4 mA ... 20 mA, 0 mA ... 20 mA, 0 V ... 10 V, 2 V ... 10 V) can be configured via DIP switch, Push-in connection

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## EM-PB-GATEWAY-IFS - Data interface

2297620

<https://www.phoenixcontact.com/us/products/2297620>



Gateway for the connection of up to 32 INTERFACE system devices to a higher-level controller via PROFIBUS DP. The INTERFACE system devices are connected to the Gateway via DIN rail connectors, the DIN rail connectors are provided.

# PLC-V8C/PT-24DC/BM2 - Controller



2907446

<https://www.phoenixcontact.com/us/products/2907446>

## EM-CAN-GATEWAY-IFS - Data interface

2901504

<https://www.phoenixcontact.com/us/products/2901504>



Gateway for the connection of up to 32 INTERFACE system devices to a higher-level controller via CANopen®. The INTERFACE system devices are connected to the Gateway via DIN rail connectors, the DIN rail connectors are provided.

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## EM-MODBUS-GATEWAY-IFS - Data interface

2901528

<https://www.phoenixcontact.com/us/products/2901528>



Gateway for the connection of up to 32 INTERFACE system devices via Modbus/TCP to a higher-level controller. The INTERFACE system devices are connected to the Gateway via DIN rail connectors, the DIN rail connectors are provided.

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## EM-PNET-GATEWAY-IFS - Data interface

2904472

<https://www.phoenixcontact.com/us/products/2904472>



Gateway for the connection of up to 32 INTERFACE system devices via PROFINET to a higher-level controller. The INTERFACE system devices are connected to the Gateway via DIN rail connectors, the DIN rail connectors are provided.

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## EM-ETH-GATEWAY-IFS - Data interface

2901988

<https://www.phoenixcontact.com/us/products/2901988>



Gateway for the connection of up to 32 INTERFACE system devices to a higher-level controller via EtherNet/IP™. The INTERFACE system devices are connected to the Gateway via DIN rail connectors, the DIN rail connectors are provided.

## PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## EM-PSAFE-GATEWAY-IFS - Data interface

1188207

<https://www.phoenixcontact.com/us/products/1188207>



Gateway for connecting up to 15 INTERFACE system devices to a higher-level secure controller via PROFIsafe. The system devices are connected to the gateway via DIN rail connectors. The DIN rail connectors are provided.

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## SZS 0,4X2,5 VDE - Screwdriver

1205037

<https://www.phoenixcontact.com/us/products/1205037>



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## BTP 2043W - Touch panel

1050387

<https://www.phoenixcontact.com/us/products/1050387>



Touch panel with 10.92 cm / 4.3"-TFT display (analog resistive), 480 x 272 pixel(s) (WQVGA), 16.7 million colors, Arm® Cortex®-A7, 528 MHz i.MX6 UL, 2x COM (RS-232/422/485), 1x USB 2.0, Typ A, 1x USB 2.0, Typ B, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Visu+. (bus system: without)

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## BTP 2070W - Touch panel

1046666

<https://www.phoenixcontact.com/us/products/1046666>



Touch panel with 17.8 cm / 7"-TFT display (analog resistive), 800 x 480 pixel(s) (WVGA), 16.7 million colors, Arm® Cortex®-A7, 528 MHz i.MX6 UL, 2x COM (RS-232/422/485), 1x USB 2.0, Typ A, 1x USB 2.0, Typ B, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Visu+. (bus system: without)

# PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



## BTP 2102W - Touch panel

1046667

<https://www.phoenixcontact.com/us/products/1046667>



Touch panel with 25.7 cm / 10.1"-TFT display (analog resistive), 1024 x 600 pixel(s) (WSVGA), 16.7 million colors, Arm® Cortex®-A7, 528 MHz i.MX6 UL, 2x COM (RS-232/422/485), 1x USB 2.0, Typ A, 1x USB 2.0, Typ B, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Visu+. (bus system: without)

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<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)