

## Front adapters - VIP-PA-PWR/4X10 PT/ 4,0M/S7 - 2905522


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VIP power cabling, universal front adapter for connecting all common 40-pos. SIMATIC S7-300 I/O modules, via four cables each with a 10-pos. COMBI connector, pitch: 3.5 mm, cable length: 4 m

RoHS

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 046356 960748 |
| GTIN         | 4046356960748   |

### Technical data

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 80 °C |
| Degree of protection                    | IP20             |

#### General

|                                    |  |
|------------------------------------|--|
| Max. permissible operating voltage | 250 V AC/DC  |
| Max. permissible current           | 6 A (per single wire at 40°C)<br>4 A (per single wire at 60°C) |
| Max. permissible total current     | 20 A (per cable at 40 °C)<br>16 A (per cable at 60°C)          |
| Mounting position                  | any  |
| Nominal operating mode             | 100% operating factor  |

#### Standards and Regulations

|                                  |                           |
|----------------------------------|---------------------------|
| Connection in acc. with standard | CUL                       |
| Standards/regulations            | DIN EN 50178<br>IEC 60664 |
| Rated insulation voltage         | 260 V                     |
| Rated surge voltage              | 4 kV (basic insulation)   |

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### Technical data

#### Standards and Regulations

|                      |     |
|----------------------|-----|
| Pollution degree     | 2   |
| Overvoltage category | III |

#### Connection data

|                   |   |
|-------------------|---|
| Connection name   | Controller level                        |
| Connection method | Plug connection                         |
| Note              | Can be plugged onto 40-pos. I/O modules |

#### Connection data 2

|                       |                     |
|-----------------------|---------------------|
| Connection name       | Field level         |
| Connection method     | COMBICON connectors |
| Number of connections | 4                   |
| Number of positions   | 10                  |
| Pitch                 | 3.5 mm              |

#### Cable

|   |                     |
|---|---------------------|
| Conductor construction: Number of litz wires: | 16                  |
| Single wire, material                         | Cu uninsulated      |
| Single wire, cross section                    | 0.5 mm <sup>2</sup> |
| External diameter                             | 9 mm                |
| Length of cable                               | 4 m                 |
| Max. conductor resistance                     | ≤ 39 Ω/km           |

#### Supported controller

|                     |                           |
|---------------------|---------------------------|
| Controller          | SIEMENS S7-300 / ET 200 M |
| - suitable I/O card | 6ES7 321-1BL00-0AA0       |
|                     | 6ES7 321-1EL00-0AA0       |
|                     | 6ES7 321-1CH00-0AA0       |
|                     | 6ES7 321-1FF10-0AA0       |
|                     | 6ES7 322-1BL00-0AA0       |
|                     | 6ES7 322-8BH10-0AB0       |
|                     | 6ES7 322-5GH00-0AB0       |
|                     | 6ES7 322-5FF00-0AB0       |
|                     | 6ES7 322-5HF00-0AB0       |
|                     | 6ES7 322-1HF10-0AA0       |
|                     | 6ES7 323-1BL00-0AA0       |
|                     | 6ES7 331-7NF00-0AB0       |
|                     | 6ES7 331-7NF10-0AB0       |
|                     | 6ES7 331-1KF02-0AB0       |
|                     | 6ES7 331-7PF01-0AB0       |
|                     | 6ES7 331-7PF11-0AB0       |
|                     | 6ES7 331-7PE10-0AB0       |
|                     | 6ES7 332-5HF00-0AB0       |

## Front adapters - VIP-PA-PWR/4X10 PT/ 4,0M/S7 - 2905522

### Technical data

#### Supported controller

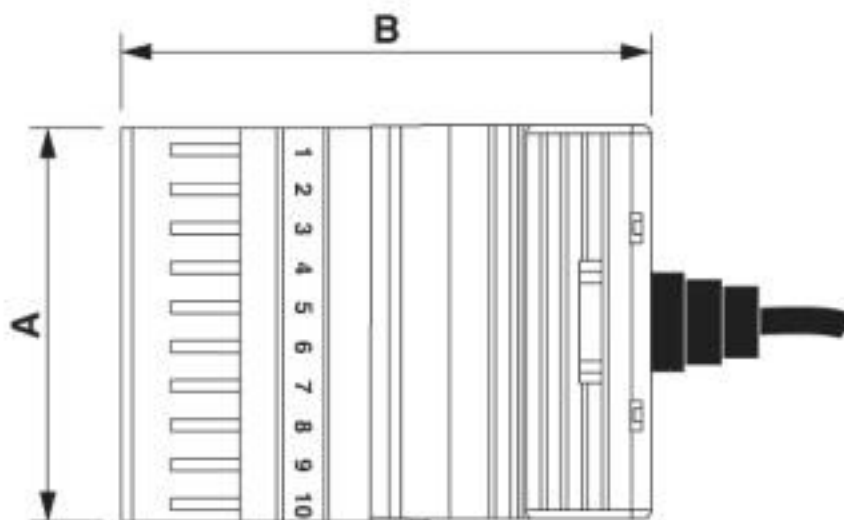
|  |                     |
|--|---------------------|
|  | 6ES7 326-1BK02-0AB0 |
|  | 6ES7 326-1RF00-0AB0 |
|  | 6ES7 326-2BF41-0AB0 |
|  | 6ES7 326-2BF01-0AB0 |
|  | 6ES7 326-2BF10-0AB0 |
|  | 6ES7 336-1HE00-0AB0 |

#### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50 years  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

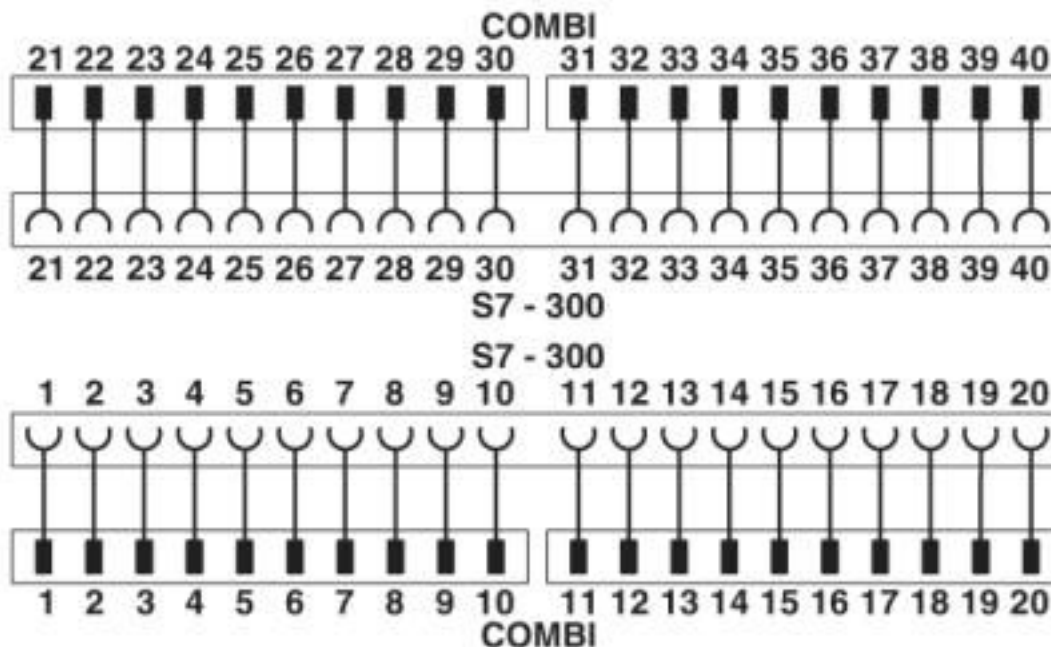
Dimensional drawing



|                 | A  | B  |
|-----------------|----|----|
| ...4X10COMBI... | 52 | 70 |
| ...2X10COMBI... |    |    |
| ...4X10 PT...   | 35 | 62 |
| ...2X10 PT...   |    |    |

## Front adapters - VIP-PA-PWR/4X10 PT/ 4,0M/S7 - 2905522

Circuit diagram



### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27242292 |
| eCl@ss 4.0    | 27060300 |
| eCl@ss 4.1    | 27060300 |
| eCl@ss 5.0    | 27061800 |
| eCl@ss 5.1    | 27061800 |
| eCl@ss 6.0    | 27249200 |
| eCl@ss 7.0    | 27249290 |
| eCl@ss 8.0    | 27249290 |
| eCl@ss 9.0    | 27242292 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002584 |
| ETIM 5.0 | EC002584 |
| ETIM 6.0 | EC002584 |
| ETIM 7.0 | EC002584 |

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 32151601 |
| UNSPSC 18.0 | 32151601 |
| UNSPSC 19.0 | 32151601 |
| UNSPSC 20.0 | 32151601 |

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## Classifications

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 32151601 |
|-------------|----------|

## Approvals


### Approvals


### Approvals


CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

### Ex Approvals

## Approval details

|                    |  |   |          |
|--------------------|--|---|----------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 70019651 |
| Nominal voltage UN |  | 250 V   |          |
| Nominal current IN |  | 6 A   |          |

|                    |   |   |               |
|--------------------|---|---|---------------|
| UL Recognized      |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
| Nominal voltage UN |   | 250 V   |               |
| Nominal current IN |   | 6 A   |               |

|                    |   |   |               |
|--------------------|---|---|---------------|
| cUL Recognized     |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
| Nominal voltage UN |   | 250 V   |               |
| Nominal current IN |   | 6 A   |               |

|     |   |                         |
|-----|---|-------------------------|
| EAC |  | RU C-<br>DE.A*30.B00767 |
|-----|---|-------------------------|

## Front adapters - VIP-PA-PWR/4X10 PT/ 4,0M/S7 - 2905522

### Approvals

cULus Recognized



### Accessories

#### Accessories

##### Plug-in terminal block

Mini feed-through terminal block - MPT 1,5/S/1P - 3248115



Mini feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in connection, number of connections: 2, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 15

Mini feed-through terminal block - MPT 1,5/S/1P BU - 3248116



Mini feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in connection, number of connections: 2, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: blue, mounting type: NS 15

Feed-through terminal block - PT 1,5/S/1P - 3208582



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 2, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, height: 30.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

Feed-through terminal block - PT 1,5/S/1P BU - 3208595



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 2, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, height: 30.5 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

## Front adapters - VIP-PA-PWR/4X10 PT/ 4,0M/S7 - 2905522

### Accessories

#### Feed-through terminal block - PT 1,5/S-TWIN/1P - 3212358



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 3, number of positions: 1, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

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#### Feed-through terminal block - PT 1,5/S-TWIN/1P BU - 3212361



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 3, number of positions: 1, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

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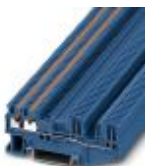
#### Feed-through terminal block - PT 1,5/S-QUATTRO/2P - 3212390



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 4, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

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#### Feed-through terminal block - PT 1,5/S-QUATTRO/2P BU - 3212400



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in / plug connection, number of connections: 4, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

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#### Double-level terminal block - PTTB 1,5/S/2P - 3212439



Double-level terminal block, connection method: Push-in / plug connection, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

## Front adapters - VIP-PA-PWR/4X10 PT/ 4,0M/S7 - 2905522

### Accessories

Double-level terminal block - PTTB 1,5/S/2P BU - 3212442



Double-level terminal block, connection method: Push-in / plug connection, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 3.5 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

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### Terminal coupling

COMBI receptacle - PPC 1,5/S/10 - 3213467



COMBI receptacle, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Push-in connection, number of connections: 1, number of positions: 10, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, width: 35 mm, height: 17.8 mm, color: gray

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